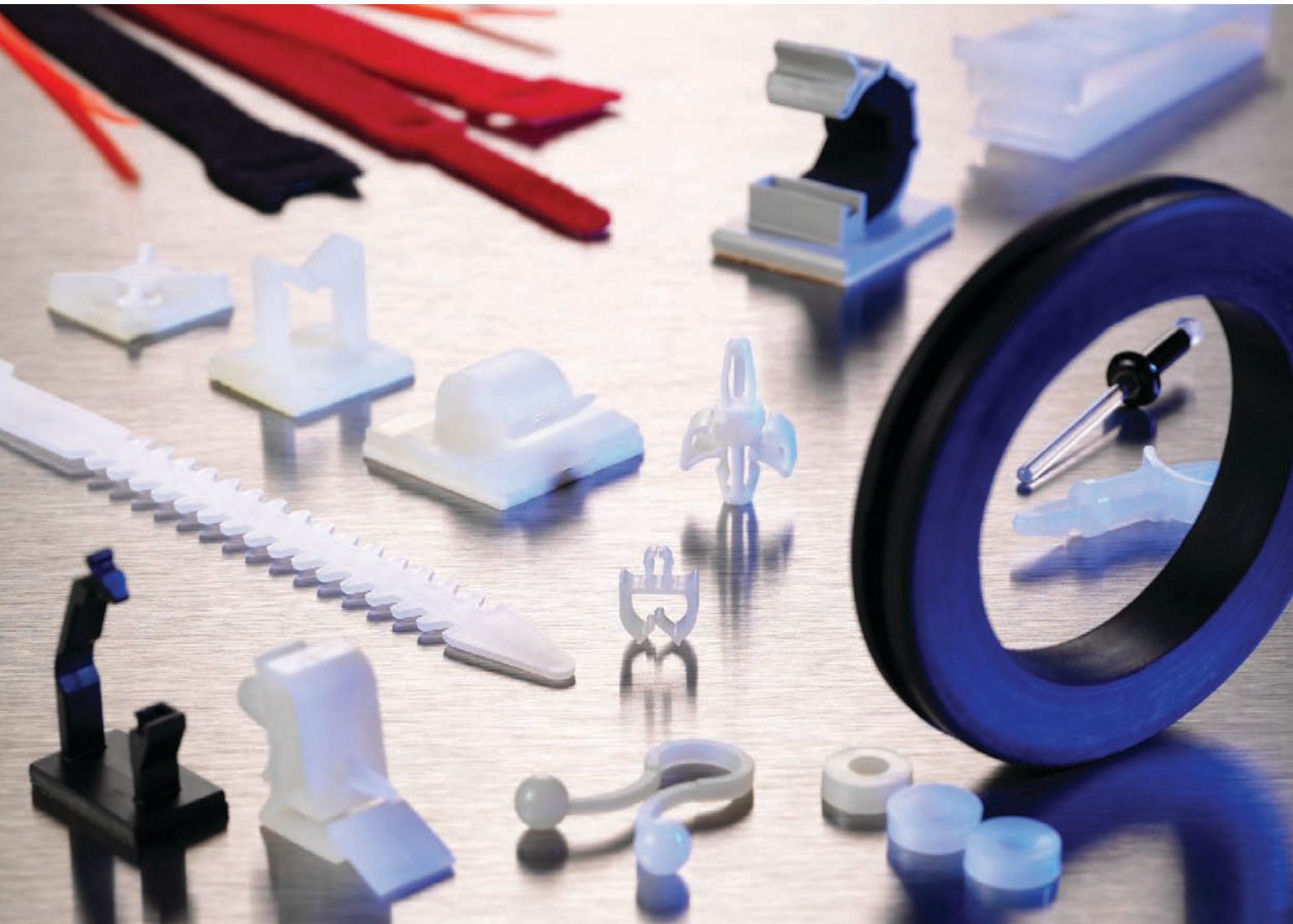


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- LED Mounting Hardware
- Card Guides & Ejectors
- Cable Ties & Accessories
- Cable Mounting & Routing
- Grommets, Bushings & Insulators
- Bumpers & Feet, Rivets, Screws & Nuts
- Fan Filters & Accessories
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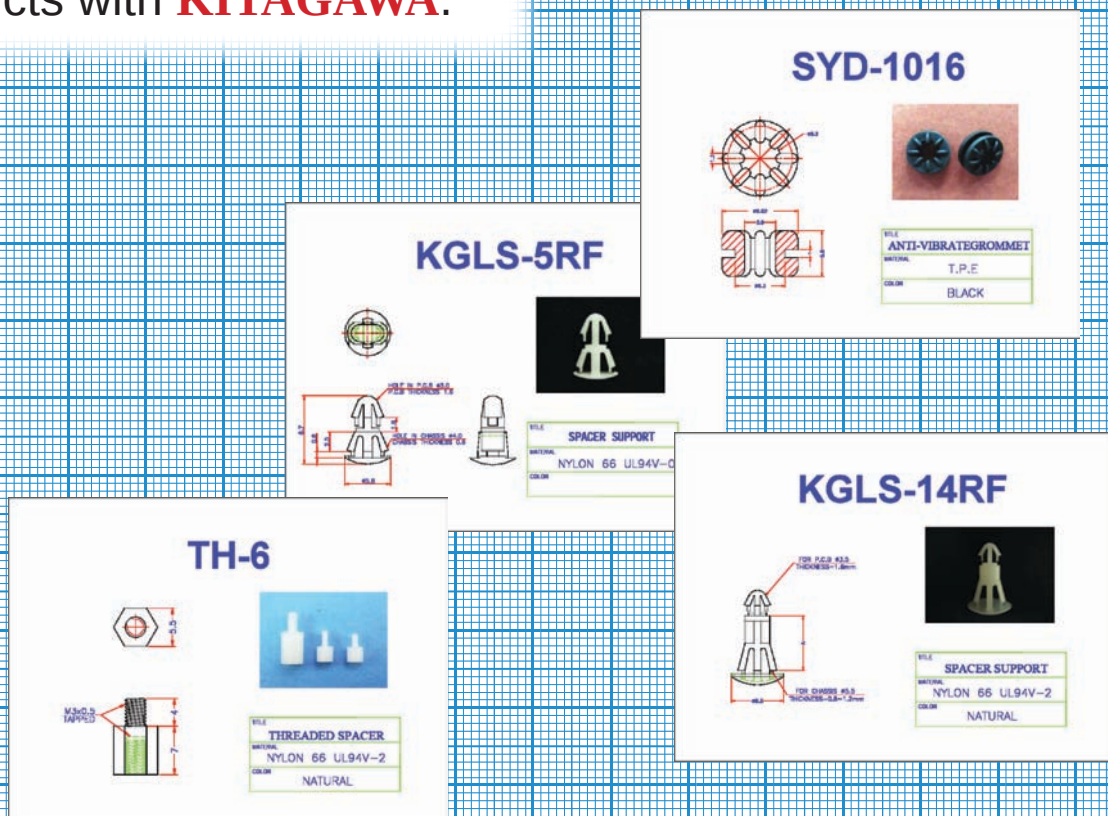
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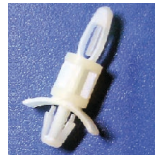
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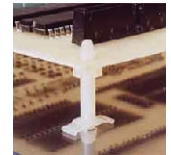
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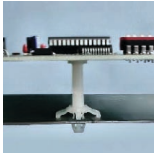
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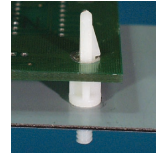
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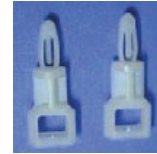
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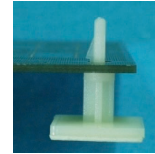
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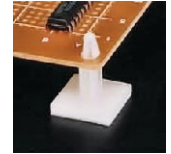
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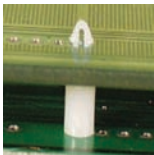
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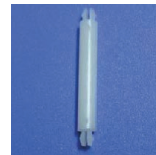
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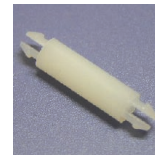
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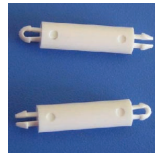
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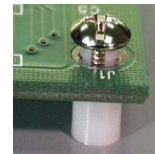
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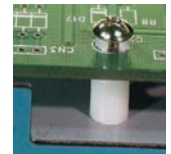
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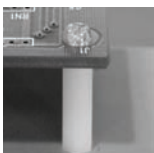
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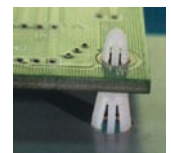
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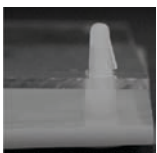
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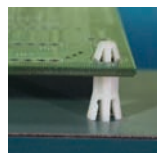
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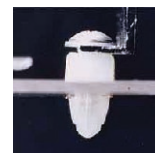
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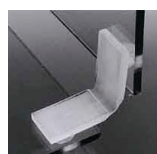
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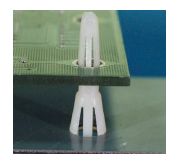
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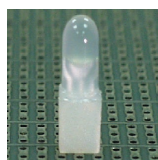
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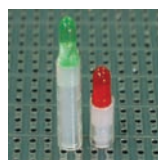
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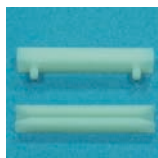


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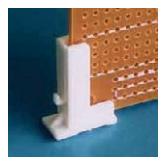
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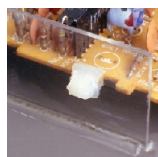
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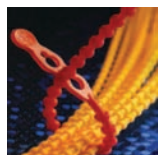
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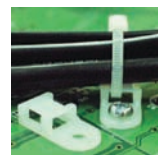
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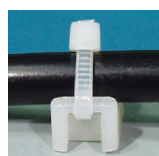
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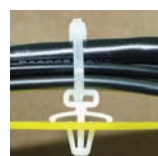
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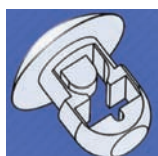
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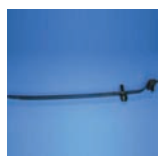
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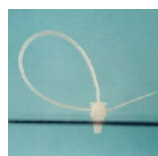
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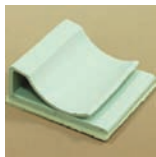
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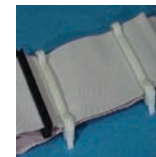
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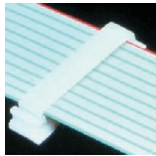
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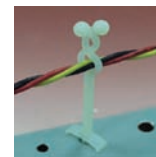
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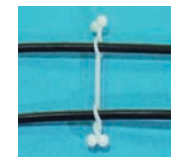
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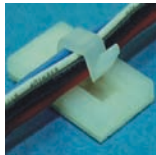
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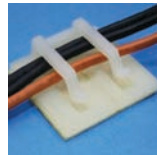
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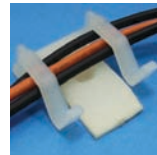
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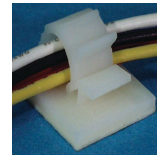
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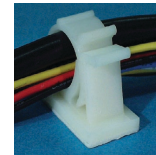
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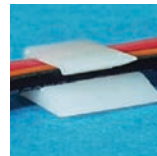
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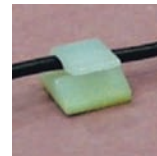
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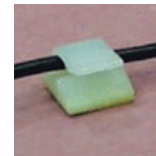
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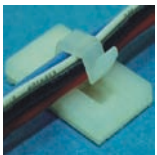
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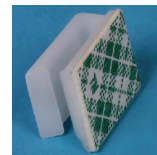
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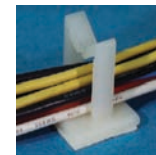
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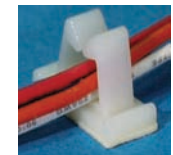
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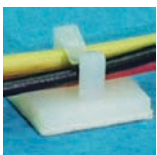
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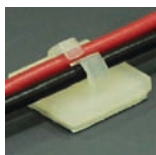
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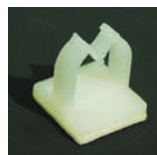
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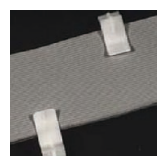
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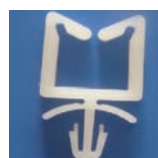
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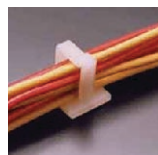
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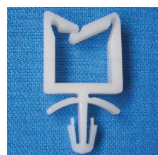
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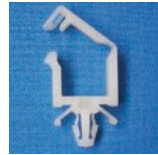
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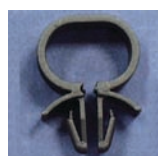
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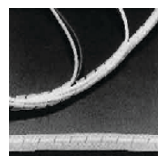
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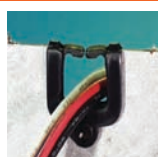


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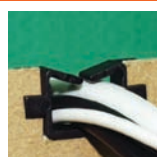
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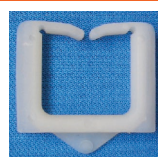
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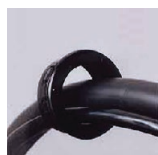
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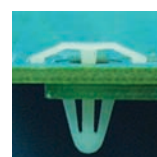
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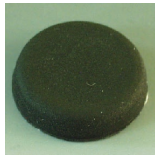
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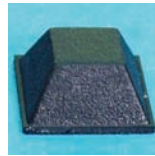
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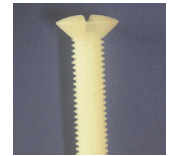
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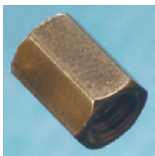


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KITAGAWA INDUSTRIES DEVELOPS AND
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SPECIALISTS IN MANUFACTURING
QUALITY PLASTIC FASTENERS.

Chapter A

• Circuit Board Hardware



RoHS compliant

Locking Support Post-1 Series



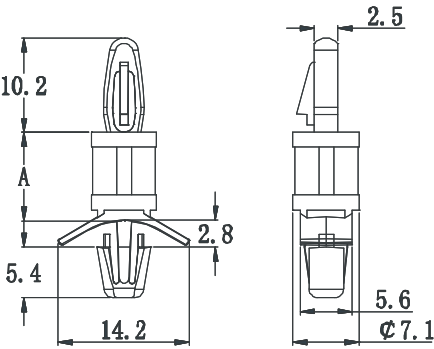
MTQ1

Top Hole:
4.00±0.08mm

Panel Thickness:
1.57mm

Bottom Hole:
4.75±0.08mm

Panel Thickness:
0.79-1.98mm



Part No.	A ±0.4mm
MTQ1-03	4.8
MTQ1-04	6.4
MTQ1-05	7.9
MTQ1-06	9.5
MTQ1-07	11.1
MTQ1-08	12.7
MTQ1-10	15.9
MTQ1-12	19.1
MTQ1-14	22.2
MTQ1-16	25.4
MTQ1-18	28.6
MTQ1-20	31.7
MTQ1-22	34.9

Material: Nylon 66 (UL)
Flame class: 94 V-2
Color: Natural
Std. Package: 1.000 pcs.

Locking Support Post-2 Series



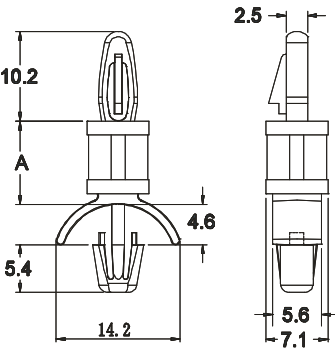
MTQ2

Top Hole:
4.00±0.08mm

Panel Thickness:
1.57mm

Bottom Hole:
4.75±0.08mm

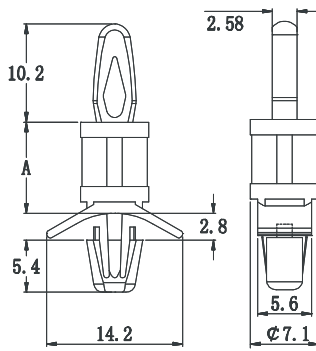
Panel Thickness:
1.98~3.56mm



Part No.	A ±0.4mm
MTQ2-03	4.8
MTQ2-04	6.4
MTQ2-05	7.9
MTQ2-06	9.5
MTQ2-07	11.1
MTQ2-08	12.7
MTQ2-10	15.9
MTQ2-12	19.1
MTQ2-14	22.2
MTQ2-16	25.4
MTQ2-18	28.6
MTQ2-20	31.7
MTQ2-22	34.9

Material: Nylon 66 (UL)
Flame class: 94 V-2
Color: Natural
Std. Package: 1.000 pcs.

Locking Support Post



Top Hole:
4.00±0.08mm

Panel Thickness:
1.57mm

Bottom Hole:
4.75±0.08mm

Panel Thickness:
0.79-1.98mm

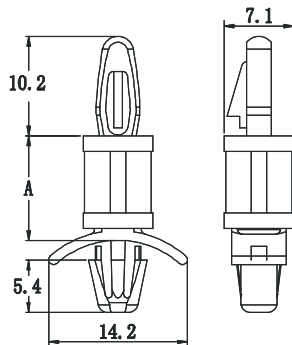


MTQ4

Part No.	A ±0.4mm
MTQ4-03	4.8
MTQ4-04	6.4
MTQ4-05	7.9
MTQ4-06	9.5
MTQ4-07	11.1
MTQ4-08	12.7
MTQ4-10	15.9
MTQ4-12	19.1
MTQ4-14	22.2
MTQ4-16	25.4
MTQ4-18	28.6
MTQ4-20	31.7
MTQ4-22	34.9

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.

Locking Support Post

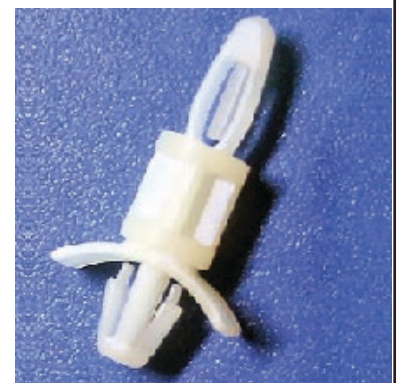


Top Hole:
4.00±0.08mm

Panel Thickness:
1.57mm

Bottom Hole:
4.75±0.08mm

Panel Thickness:
0.2-1.4mm



MTQ8

Part No.	A ±0.4mm
MTQ8-03	4.8
MTQ8-04	6.4
MTQ8-05	7.9
MTQ8-06	9.5
MTQ8-07	11.1
MTQ8-08	12.7
MTQ8-10	15.9
MTQ8-12	19.1
MTQ8-14	22.2
MTQ8-16	25.4
MTQ8-18	28.6
MTQ8-20	31.7
MTQ8-22	34.9

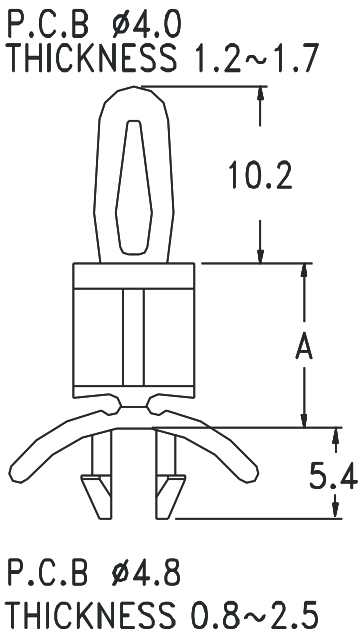
Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.

Locking Circuit Board Spacer



MDCT

Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.



Part No.	A mm
MDCT-5	4.8
MDCT-6	6.4
MDCT-9	9.5
MDCT-12	12.7
MDCT-15	15.9
MDCT-19	19.1
MDCT-22	22.2

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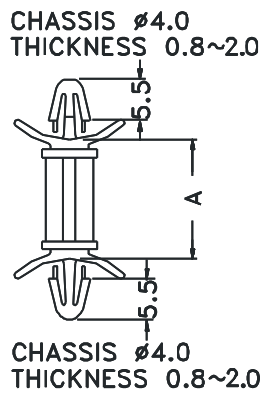
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Locking Circuit Board Spacer



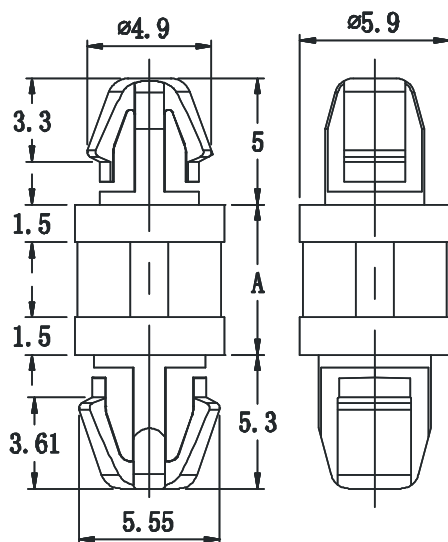
Part No.	A mm
MDFP-5	4,8
MDFP-6	6,4
MDFP-9	9,5
MDFP-12	12,7
MDFP-15	15,9
MDFP-19	19,0
MDFP-22	22,2



MDFP

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.

Dual Locking Support Post



Top Hole:
4.00mm

Panel Thickness:
1.6mm

Bottom Hole:
4.80mm

Panel Thickness:
1.6mm

Part No.	A ± 0.4 mm
EMTQ3-3M	3,0
EMTQ3-4M	4,0
EMTQ3-6M	6,0
EMTQ3-8M	8,0
EMTQ3-10M	10,0
EMTQ3-12M	12,0
EMTQ3-14M	14,0
EMTQ3-16M	16,0
EMTQ3-18M	18,0



EMTQ3

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.

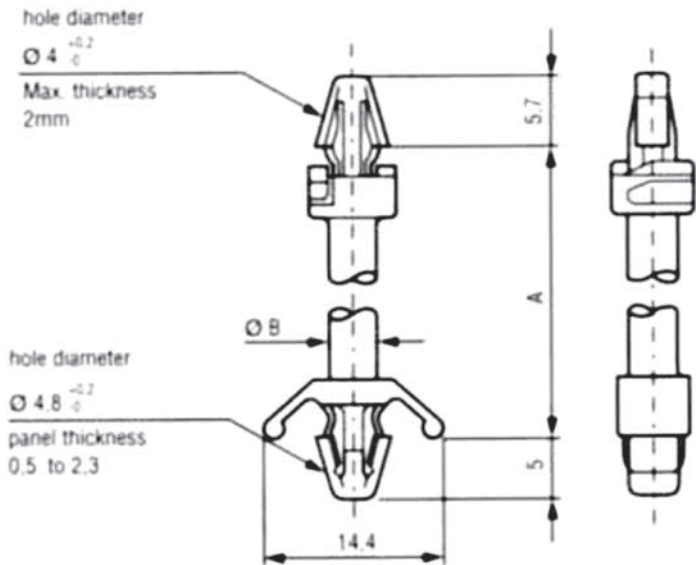


RoHS compliant

Locking Card Spacer



KGLS-S



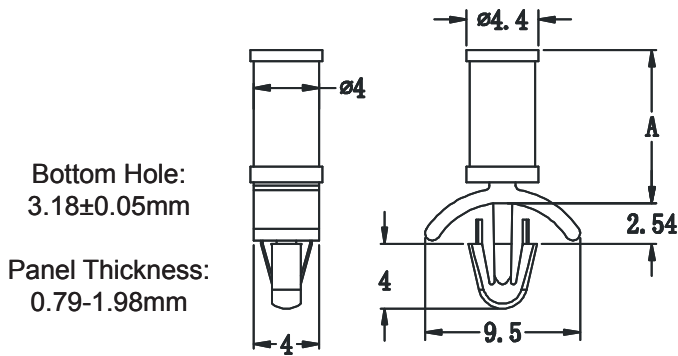
Part No.	A mm	ØB mm	Package
KGLS-1S	2.0	-	100
KGLS-3S	9.8	-	
KGLS-4S	11.4	4.0	
KGLS-6S	14.4		
KGLS-7S	16.6		1000
KGLS-8S	17.7		100
KGLS-10S	20.9		
KGLS-12S	24 1	4.5	
KGLS-14S	27.2		
KGLS-16S	30.4		
KGLS-18S	33.6		
KGLS-22S	39.9		

Material: Nylon 66 UL
Flame class: 94 V-2
Color: Natural
Std. Package: 100 / 1000 pcs.

Mini Push Spacer



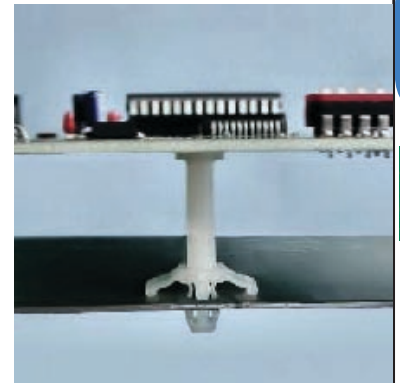
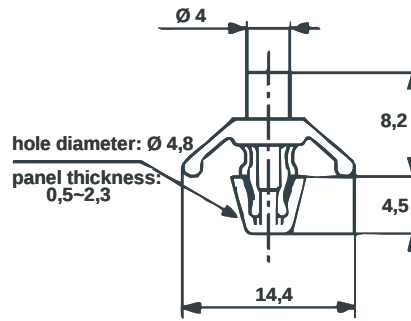
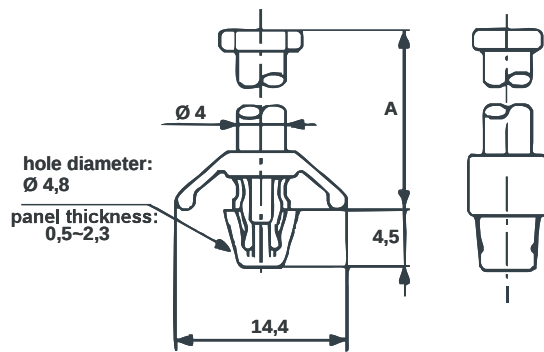
NQT



Part No.	A $\pm 0.4 \text{ mm}$
NQT-2	3.2
NQT-3	4.8
NQT-4	6.4
NQT-5	7.9
NQT-6	9.5
NQT-7	11.1
NQT-8	12.7
NQT-9	14.3
NQT-10	15.9

Material: Nylon 66 UL
Flame class: 94 V-2
Color: Natural
Std. Package: 1.000 pcs.

Card Spacer

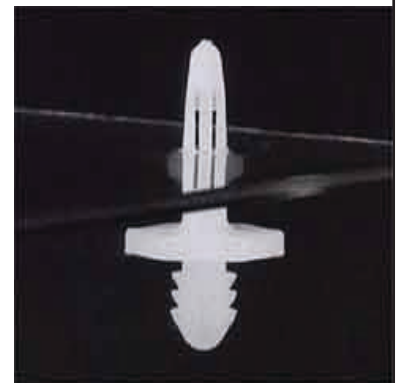
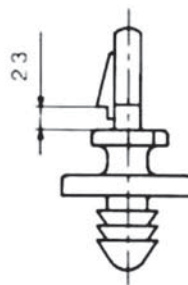
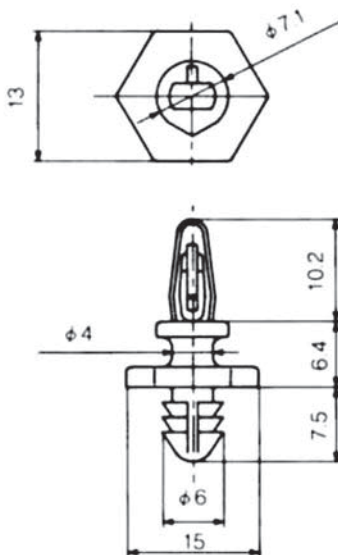


KGPS-S

Part No.	A mm	Package
KGPS-3S	7.5	100
KGPS-3.5S	8.2	500
KGPS-4S	9.1	100
KGPS-6S	12.1	
KGPS-8S	15.4	
KGPS-10S	18.6	
KGPS-12S	21.8	
KGPS-14S	24.9	
KGPS-16S	28.1	
KGPS-18S	31.3	

Material: Nylon 66 UL
 Flame class: 94 V-2
 Color: Natural
 Std. Package: 100 / 500 pcs.

Locking Card Spacer for Wooden Chassis



KGLS-04T

Part No.	Package
KGLS-04T	100

Material: Nylon 66 UL
 Flame class: 94 V-2
 Color: Natural
 Std. Package: 100 pcs.

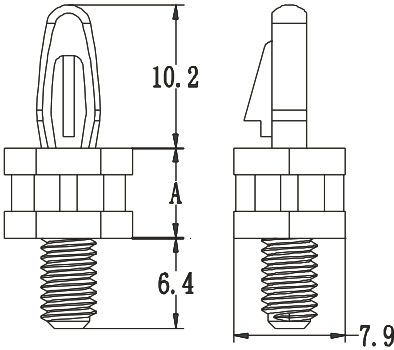
Studded Circuit Board Support



TDCT

Top Hole:
4.0±0.08 mm

Bottom Hole:
For M4 Screw

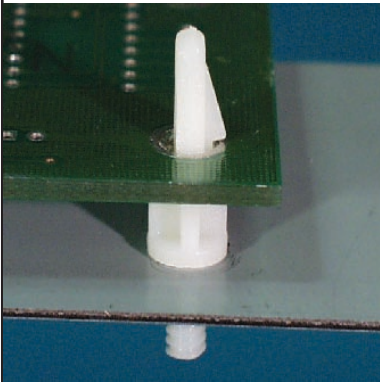


Part No.	Part No.	A ±0.4mm
TDCT-4	TDCT-4-V0	6.4
TDCT-6	TDCT-6-V0	9.5
TDCT-8	TDCT-8-V0	12.7
TDCT-10	TDCT-10-V0	15.9
TDCT-12	TDCT-12-V0	19.1
TDCT-14	TDCT-14-V0	22.2
TDCT-16	TDCT-16-V0	25.4
TDCT-18	TDCT-18-V0	28.6
TDCT-22.5	TDCT-22.5-V0	35.7

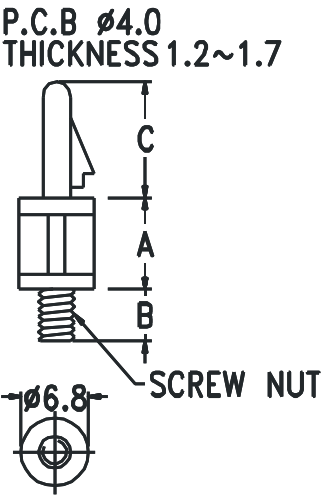
Material: Nylon 6 or 66 (UL)
Flame class: 94 V0 or V-2
Color: Natural
Std. Package: 1.000 pcs.

TDCT-X-V0 in VO material and TDCT8-X-66 with #8-32 threaded are available.

TDC



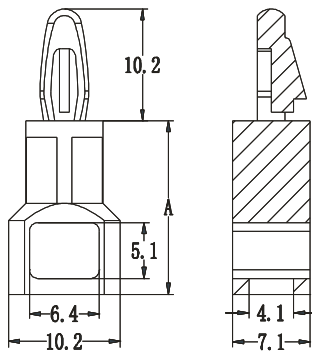
TDC



Material: Nylon 66 UL
Flame class: 94 V-2
Color: Natural
Std. Package: 1.000 pcs.

Part No.	A mm	B mm	C mm	SCREWNUT
TDC-6	6.3	7.8	10.0	6-32 UNC
TDC-10	9.5			
TDC-12	12.7			
TDC-15	15.9			

Rivet Locking Support Post



Top Hole: 4.00±0.08mm
Top Panel Thickness: 1.57mm

Bottom Hole: 4.1 - 4.2mm
Bottom Panel Thickness:
See Rivet Table



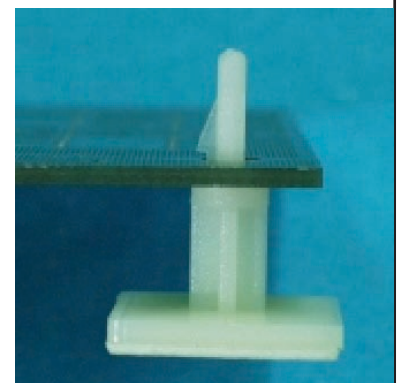
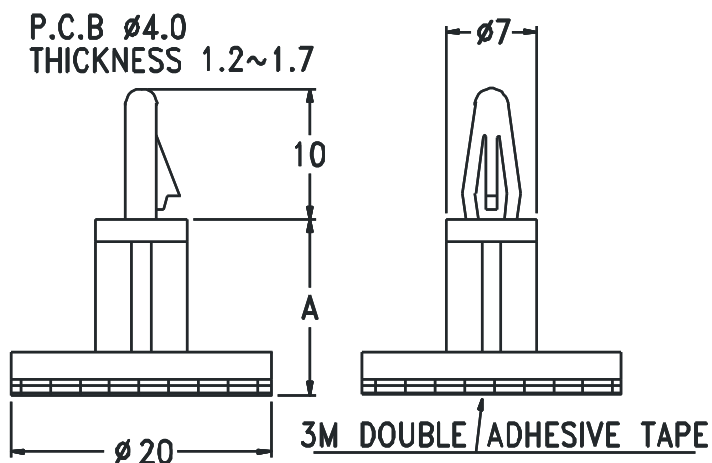
SMTQ

Part No.	Part No.	A ±0.4mm
SMTQ-6	SMTQ-6-V0	9.5
SMTQ-7	SMTQ-7-V0	11.1
SMTQ-8	SMTQ-8-V0	12.7
SMTQ-10	SMTQ-10-V0	15.9
SMTQ-12	SMTQ-12-V0	19.1
SMTQ-14	SMTQ-14-V0	22.2
SMTQ-16	SMTQ-16-V0	25.4

Material:	Nylon 6 or 66 (UL)
Flame class:	94 V0 or V-2
Color:	Natural
Std. Package:	1.000 pcs.

Rivet #	R4050	R4060	R4070	R4080	R4090	R4100
Thickness	0.7-1.6	1.5-2.7	2.7-3.7	3.7-4.7	4.7-5.7	5.7-6.7

BTT

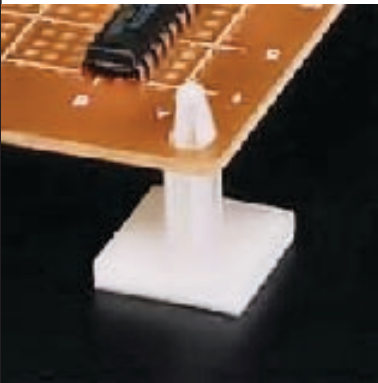


BTT

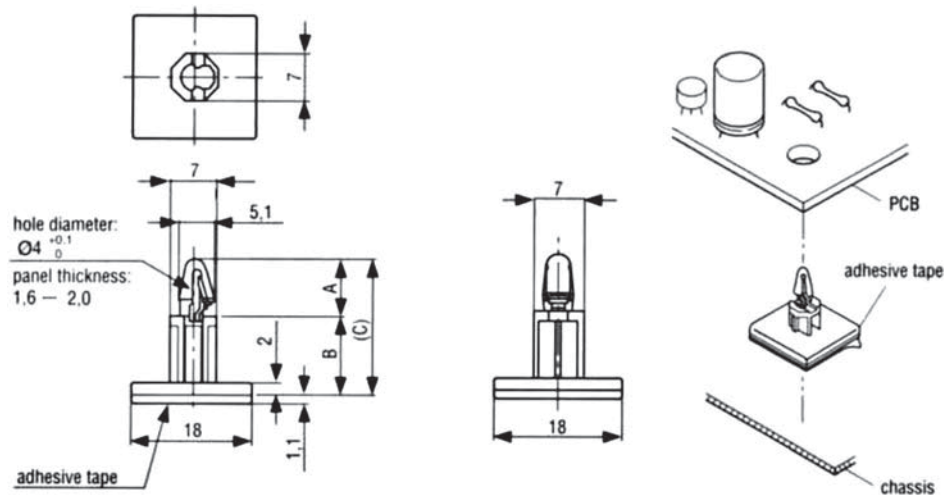
Part No.	A mm
BTT-5	5.4
BTT-6	6.3
BTT-8	8.0
BTT-10	9.8
BTT-12	12.8
BTT-15	16.2

Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	500 pcs.

Locking Card Spacer



KGLS-M



Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 pcs.

Part No.	A mm	B mm	C mm
KGLS-4M	8.5	5.6	14.1
KGLS-6M		8.7	17.2
KGLS-8M		11.9	20.4

Dual Lock Support Post



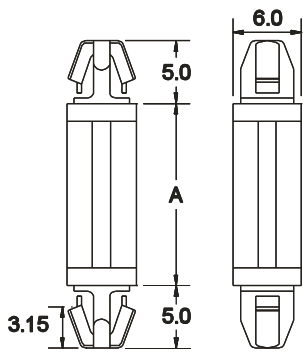
EMTQ

Top Hole:
4.00±0.08mm

Panel Thickness:
1.6mm

Bottom Hole:
4.00±0.08mm

Panel Thickness:
1.6mm

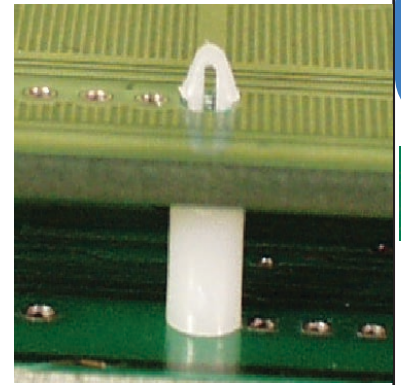
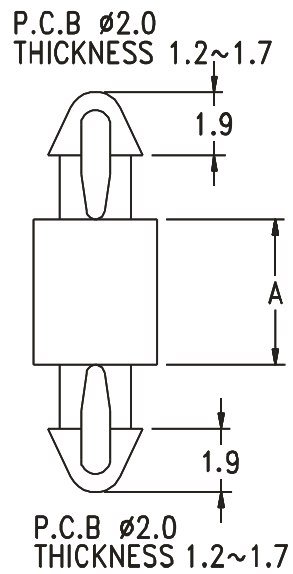


Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.

Part No.	A ±0.4 mm
EMTQ1-3M	3
EMTQ1-4M	4
EMTQ1-6M	6
EMTQ1-8M	8
EMTQ1-10M	10
EMTQ1-12M	12
EMTQ1-14M	14
EMTQ1-16M	16
EMTQ1-18M	18

NBE

Part No.	A mm
NBE-2.2	2.2
NBE-4	4.0
NBE-5	5.0
NBE-6	6.0
NBE-6.5	6.5
NBE-8	8.0
NBE-10	10.5
NBE-12.5	12.5
NBE-14	14.0



NBE

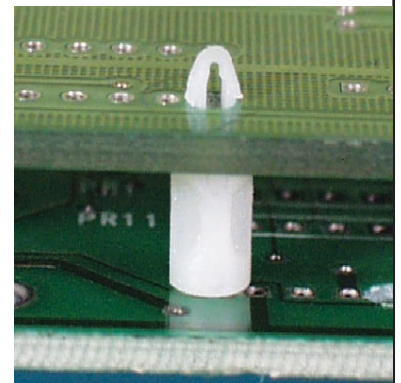
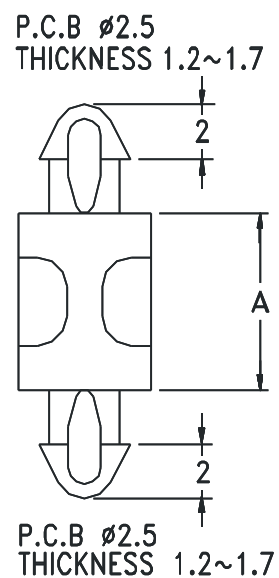
Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.



RoHS compliant

NBEN

Part No.	A mm
NBEN-2	2.0
NBEN-3	3.0
NBEN-4	4.0
NBEN-5	5.0
NBEN-6	6.0
NBEN-7.5	7.5
NBEN-8	8.0
NBEN-10A	10.0
NBEN-10	10.5



NBEN

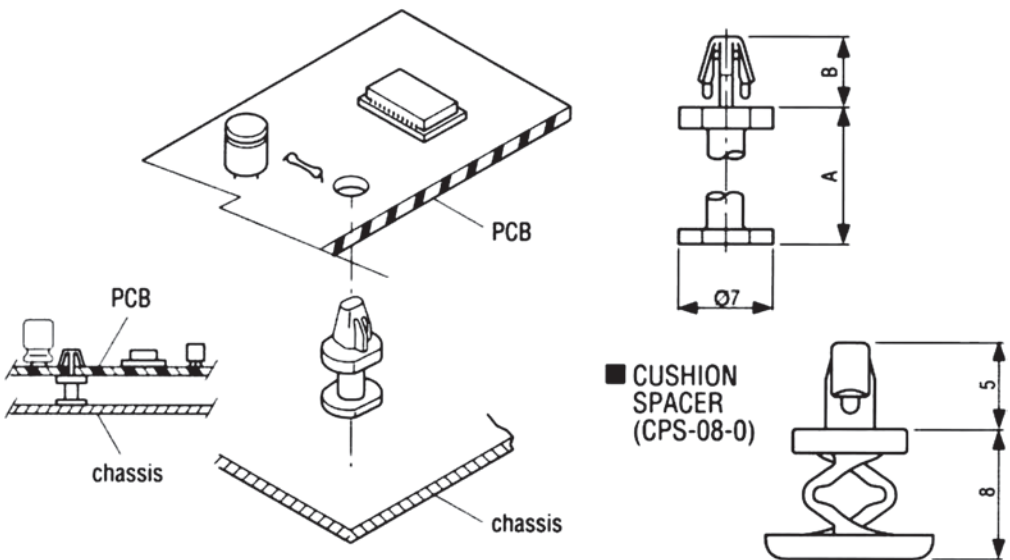
Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.

Mini Card Spacer

RoHS compliant



MPS / CPS



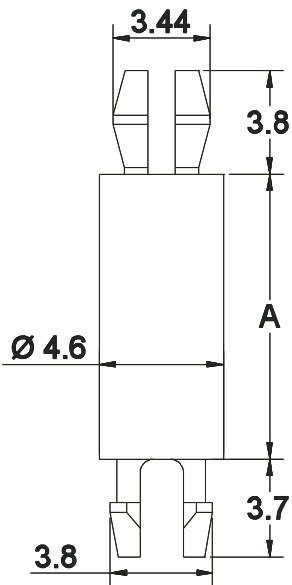
Material: Nylon 66 UL
Flame class: 94 V-2
Color: Natural
Std. Package: 1000 / 500 pcs.

Part No.	A mm	B mm	Hole diameter	Package
MPS-5.5-0	2,5	5,35	Ø 3,0	500
MPS-04-0	4,0			
MPS-06-0	6,0			1000
MPS-08-0	8,0			500
MPS-10-0	10,0			1000
MPS-12-0	12,0			
MPS-14-0	14,0			500
MPS-14.8-0	14,8			
MPS-16-0	16,0	5,1	Ø 3,5	1000
MPS-18-0	18,0			
MPS-20-0	20,0			
CPS-08-0	8,0	5,0	Ø 3,0	

Mini Circuit Board Post



NDCQ



Top and Bottom Hole:
3.18±0.05mm

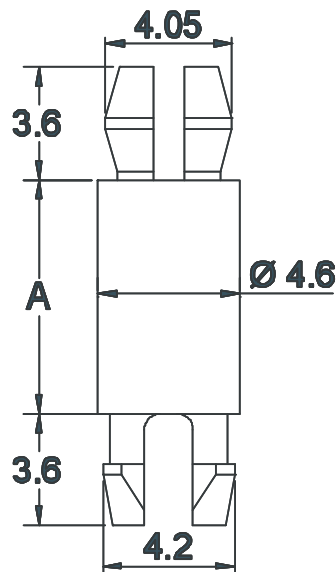
Panel Thickness:
1.57 mm

Material: Nylon 66 (UL)
Flame class: 94 V-2
Color: Natural
Std. Package: 1.000 pcs.

Part No.	A ±0.4mm
NDCQ-2	3.2
NDCQ-3	4.8
NDCQ-4	6.4
NDCQ-5	7.9
NDCQ-6	9.5
NDCQ-7	11.1
NDCQ-8	12.7
NDCQ-9	14.3
NDCQ-10	15.9
NDCQ-11	17.5
NDCQ-12	19.1
NDCQ-13	20.6
NDCQ-14	22.2
NDCQ-16	25.4
NDCQ-18	28.6
NDCQ-20	31.7
NDCQ-22	34.9
NDCQ-24	38.1

Circuit Board Post

Part No.	Part No.	A ±0.4mm
DCQ-2	DCQ-2-V0	3.2
DCQ-3	DCQ-3-V0	4.8
DCQ-4	DCQ-4-V0	6.4
DCQ-5	DCQ-5-V0	7.9
DCQ-6	DCQ-6-V0	9.5
DCQ-7	DCQ-7-V0	11.1
DCQ-8	DCQ-8-V0	12.7
DCQ-9	DCQ-9-V0	14.3
DCQ-10	DCQ-10-V0	15.9
DCQ-11	DCQ-11-V0	17.5
DCQ-12	DCQ-12-V0	19.1
DCQ-13	DCQ-13-V0	20.6
DCQ-14	DCQ-14-V0	22.2
DCQ-16	DCQ-16-V0	25.4
DCQ-18	DCQ-18-V0	28.6
DCQ-20	DCQ-20-V0	31.7
DCQ-22	DCQ-22-V0	34.9
DCQ-24	DCQ-24-V0	38.1



DCQ

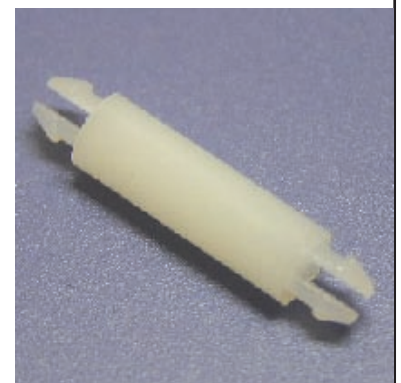
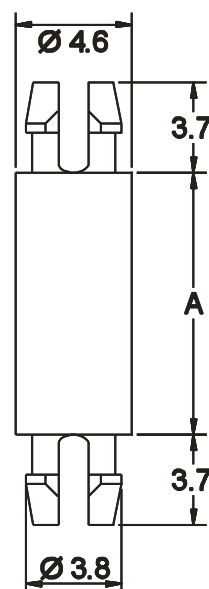
Top and Bottom Hole:
3.86±0.05mm

Panel Thickness:
1.57 mm

Material:	Nylon 6 or 66 (UL)
Flame class:	94 V0 or V-2
Color:	Natural
Std. Package:	1.000 pcs.

Mini Support Dual Lock „N“ Series

Part No.	Part No.	A ±0.4mm
NTQE-2	NTQE-2-V0	3.2
NTQE-3	NTQE-3-V0	4.8
NTQE-4	NTQE-4-V0	6.4
NTQE-5	NTQE-5-V0	7.9
NTQE-6	NTQE-6-V0	9.5
NTQE-7	NTQE-7-V0	11.1
NTQE-8	NTQE-8-V0	12.7
NTQE-9	NTQE-9-V0	14.3
NTQE-10	NTQE-10-V0	15.9
NTQE-11	NTQE-11-V0	17.5
NTQE-12	NTQE-12-V0	19.1
NTQE-13	NTQE-13-V0	20.6
NTQE-14	NTQE-14-V0	22.2
NTQE-16	NTQE-16-V0	25.4
NTQE-18	NTQE-18-V0	28.6
NTQE-20	NTQE-20-V0	31.7
NTQE-22	NTQE-22-V0	34.9
NTQE-24	NTQE-24-66	38.1



NTQE

Top and Bottom Hole:
3.18±0.05 mm

Panel Thickness:
1.57 mm

Material:	Nylon 6 or 66 (UL)
Flame class:	94 V0 or V-2
Color:	Natural
Std. Package:	1.000 pcs.

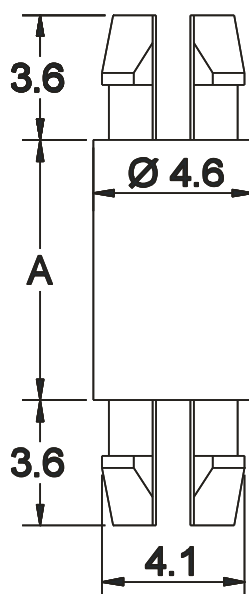
Mini Support Post Dual Lock



NTQ

Top and Bottom Hole:
3.86±0.05 mm

Panel Thickness:
1.57 mm



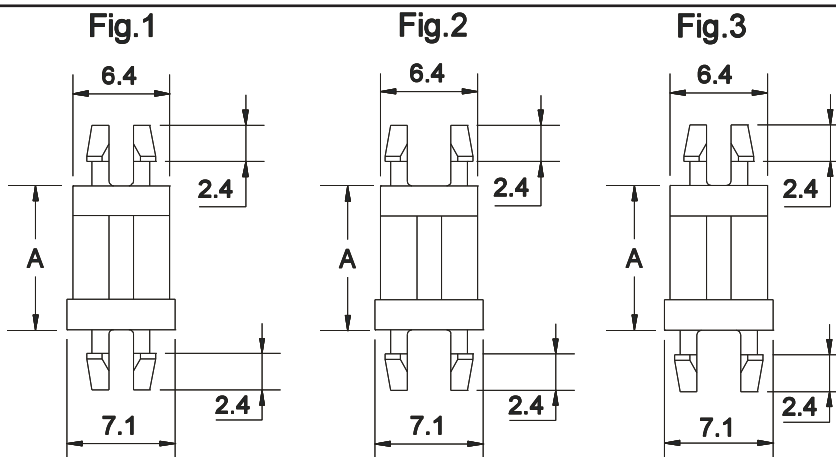
Material:	Nylon 6 or 66 (UL)
Flame class:	94 V0 or V-2
Color:	Natural
Std. Package:	1.000 pcs.

Part No.	Part No.	A ±0.4mm
NTQ-2	NTQ-2-V0	3.2
NTQ-3	NTQ-3-V0	4.8
NTQ-4	NTQ-4-V0	6.4
NTQ-5	NTQ-5-V0	7.9
NTQ-6	NTQ-6-V0	9.5
NTQ-7	NTQ-7-V0	11.1
NTQ-8	NTQ-8-V0	12.7
NTQ-9	NTQ-9-V0	14.3
NTQ-10	NTQ-10-V0	15.9
NTQ-11	NTQ-11-V0	17.5
NTQ-12	NTQ-12-V0	19.1
NTQ-13	NTQ-13-V0	20.6
NTQ-14	NTQ-14-V0	22.2
NTQ-16	NTQ-16-V0	25.4
NTQ-18	NTQ-18-V0	28.6
NTQ-20	NTQ-20-V0	31.7
NTQ-22	NTQ-22-V0	34.9
NTQ-24	NTQ-24-V0	38.1

Support Post



TQ

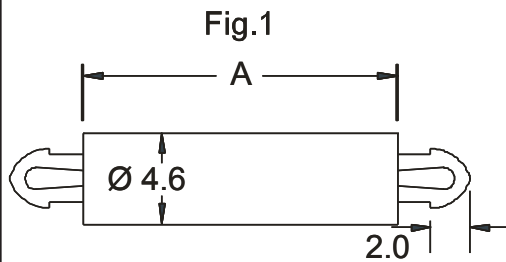


Bottom Hole: 4.00±0.08mm / Bottom Hole: 4.75±0.08mm / Bottom Hole: 4.75±0.08mm
Panel Thickness: 1.57mm

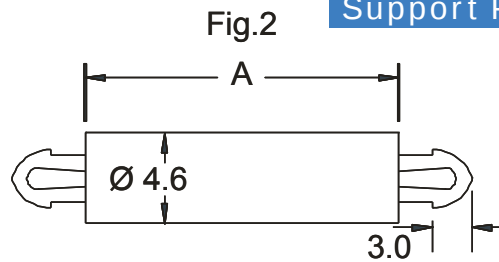
Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.

Part Mo. (Fig.1)	Part No. (Fig.2)	Part No. (Fig.3)	A ±0.4mm
TQ1-3	TQ2-3	TQ3-3	4.8
TQ1-4	TQ2-4	TQ3-4	6.4
TQ1-6	TQ2-6	TQ3-6	9.5
TQ1-8	TQ2-8	TQ3-8	12.7
TQ1-10	TQ2-10	TQ3-10	15.9
TQ1-12	TQ2-12	TQ3-12	19.1
TQ1-14	TQ2-14	TQ3-14	22.2
TQ1-16	TQ2-16	TQ3-16	25.4

Support Post Mini Dual Locking

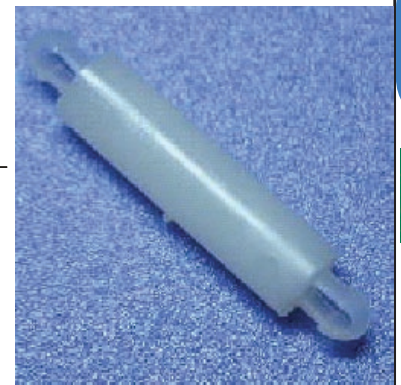


Hole Dia: $2.5 \pm 0.05 \text{ mm}$
Panel Thickness: 1.57mm



Hole Dia: $3.5 \pm 0.05 \text{ mm}$
Panel Thickness: 1.57mm

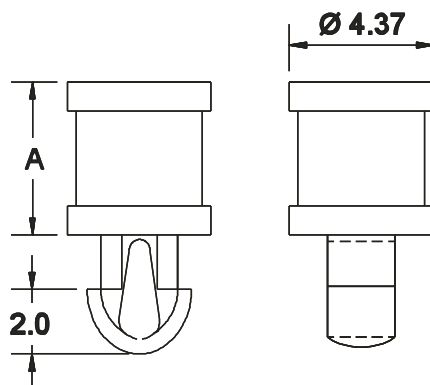
Part No. (Fig 1)	Part No. (Fig 2)	A $\pm 0.4 \text{ mm}$
NEM1-2M	NEM2-2M	2.0
NEM1-3M	NEM2-3M	3.0
NEM1-4M	NEM2-4M	4.0
NEM1-5M	NEM2-5M	5.0
NEM1-6M	NEM2-6M	6.0
NEM1-7M	NEM2-7M	7.0
NEM1-8M	NEM2-8M	8.0
NEM1-10M	NEM2-10M	10.0
NEM1-12M	NEM2-12M	12.0
NEM1-14M	NEM2-14M	14.0
NEM1-16M	NEM2-16M	16.0
NEM1-18M	NEM2-18M	18.0
NEM1-20M	NEM2-20M	20.0
NEM1-22M	NEM2-22M	22.0



NEM

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.

Push Spacer-Teardrop



Bottom Hole:
 $2.54 \pm 0.05 \text{ mm}$

Panel Thickness:
1.63mm Max

Part No.	A $\pm 0.4 \text{ mm}$
TD-1	1.6
TD-2	3.2
TD-3	4.8
TD-4	6.4
TD-5	7.9
TD-6	9.5
TD-7	11.1
TD-8	12.7
TD-9	14.3
TD-10	15.9



TD

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.

Dual Locking Support Post Teardrop Head

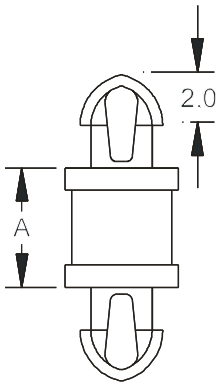
RoHS compliant



EMTQ

Top and Bottom Hole:
2.54±0.05mm

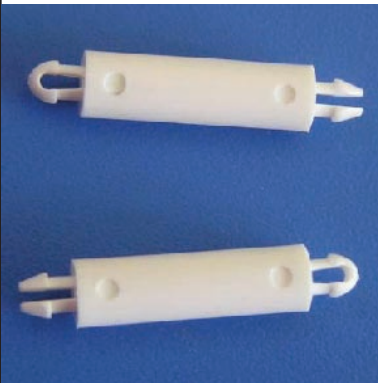
Panel Thickness:
1.63mm Max



Part No.	A ±0.4
EMTQ-1	1.6
EMTQ-2	3.2
EMTQ-3	4.8
EMTQ-4	6.4
EMTQ-5	7.9
EMTQ-6	9.5
EMTQ-7	11.1
EMTQ-8	12.7
EMTQ-9	14.3
EMTQ-10	15.9

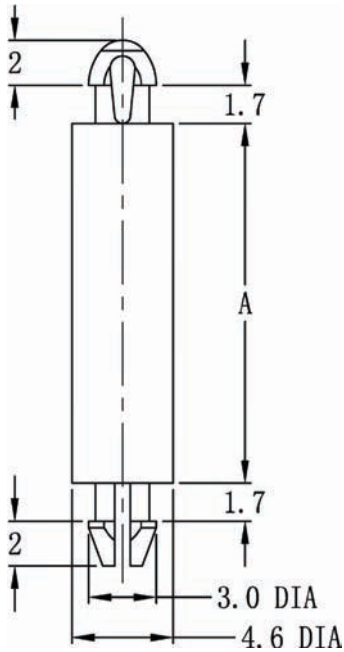
Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.

Support Post Mini Dual Locking



NEMB1

Part No.	A mm
NEMB1-2M	2
NEMB1-3M	3
NEMB1-4M	4
NEMB1-5M	5
NEMB1-6M	6
NEMB1-7M	7
NEMB1-8M	8
NEMB1-10M	10
NEMB1-12M	12
NEMB1-14M	14
NEMB1-16M	16
NEMB1-18M	18
NEMB1-20M	20
NEMB1-22M	22



Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.

Top/Bottom Hole:
2.5±0.05mm

Panel Thickness:
1.57mm

Support Post Mini Dual Locking

Top/Bottom Hole: $2.5 \pm 0.05 \text{ mm}$

Top Panel Thickness: 1.57mm

Bottom Panel Thickness: 3.6mm

Part No.	A mm
TQ-NEML-1-2M	2
TQ-NEML-1-3M	3
TQ-NEML-1-4M	4
TQ-NEML-1-5M	5
TQ-NEML-1-6M	6
TQ-NEML-1-7M	7
TQ-NEML-1-8M	8
TQ-NEML-1-10M	10
TQ-NEML-1-12M	12
TQ-NEML-1-14M	14
TQ-NEML-1-16M	16
TQ-NEML-1-18M	18
TQ-NEML-1-20M	20
TQ-NEML-1-22M	22



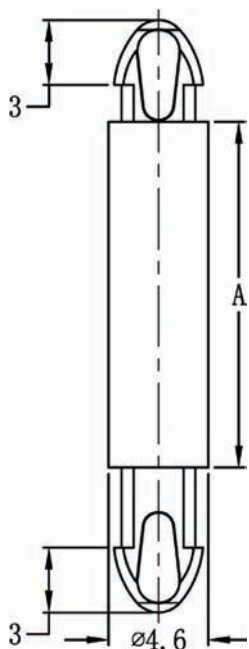
TQ-NEML-1

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.



RoHS compliant

Support Post Mini Dual Locking

Top/Bottom Hole: $3.5 \pm 0.05 \text{ mm}$

Top Panel Thickness: 1.57mm

Bottom Panel Thickness: 3.6mm

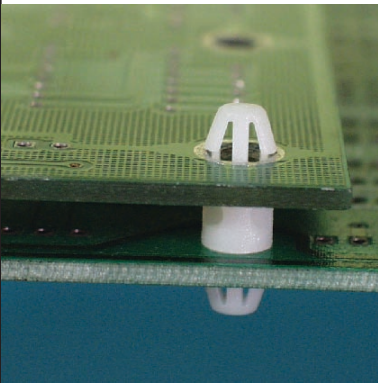
Part No.	A mm
TQ-NEML-2-2M	2
TQ-NEML-2-3M	3
TQ-NEML-2-4M	4
TQ-NEML-2-5M	5
TQ-NEML-2-6M	6
TQ-NEML-2-7M	7
TQ-NEML-2-8M	8
TQ-NEML-2-10M	10
TQ-NEML-2-12M	12
TQ-NEML-2-14M	14
TQ-NEML-2-16M	16
TQ-NEML-2-18M	18
TQ-NEML-2-20M	20
TQ-NEML-2-22M	22



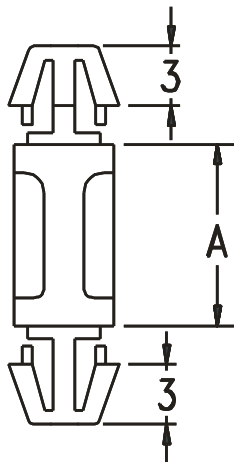
TQ-NEML-2

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.

Spacer



MDD



Hole Ø 4.0mm
P.C.B. Thickness
1.2-1.7mm

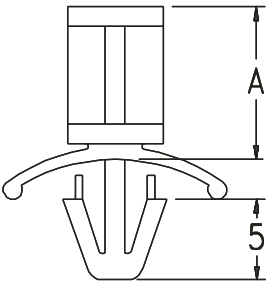
Part No.	A mm	Package
MDD-3S	3.0	2000
MDD-3	3.5	
MDD-4	4.0	
MDD-5	5.0	
MDD-6S	6.0	
MDD-6	6.4	1000
MDD-8	8.0	
MDD-10S	10.0	
MDD-10	10.5	
MDD-11.5	11.5	
MDD-12S	12.0	
MDD-12	12.7	
MDD-14	14.0	
MDD-15	15.9	
MDD-18	18.0	
MDD-19	19.0	
MDD-20	20.0	
MDD-25	25.0	
MDD-27	27.0	
MDD-30	30.0	
MDD-34	34.0	
MDD-69	69.0	500
MDD-71	71.2	
MDD-72	72.0	
MDD-74	74.2	
MDD-80	80.0	

Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	See Table

Spacer



MBT

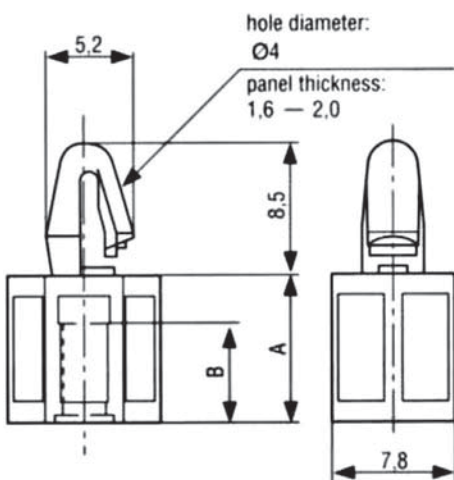
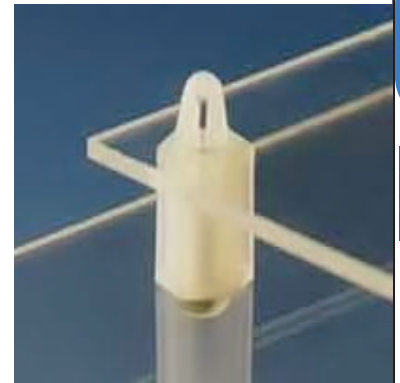
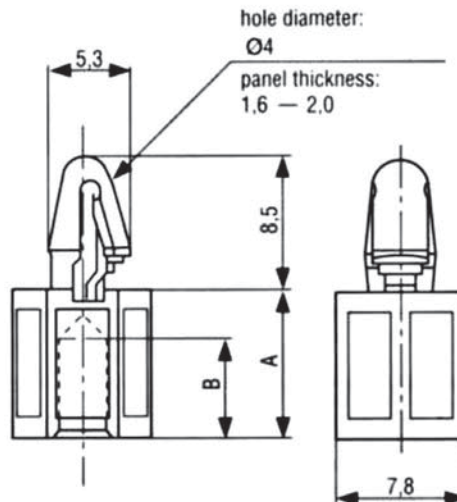


Hole Ø 4.8mm
P.C.B. Thickness
0.8-2.0mm

Part No.	A mm	Package
MBT-3	3.5	1000
MBT-5	4.8	
MBT-6	6.0	
MBT-6A	6.4	
MBT-8	7.9	
MBT-9	9.5	
MBT-11	11.1	
MBT-12	12.7	
MBT-16	15.9	
MBT-19	19.1	
MBT-22	22.2	
MBT-25	25.4	
MBT-28	28.6	500
MBT-31.1	31.1	
MBT-31.7	31.7	
MBT-35	34.9	

Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	500 / 1.000 pcs.

Tapping Card Spacer

KGTS-T Type
 (nominal dia. $\varnothing 3,5\text{mm}$)

KGTS-K Type
 (nominal dia. $\varnothing 3\text{mm}$)


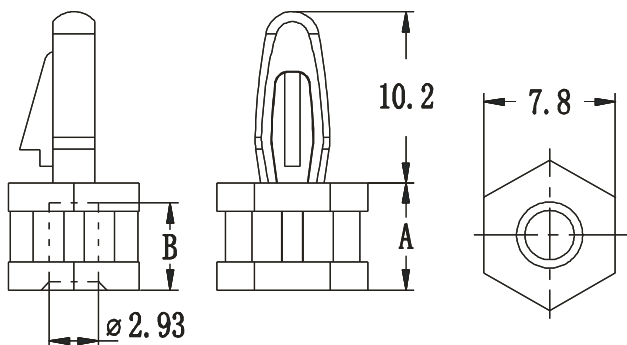
KGTS

Part No.	A mm	$\varnothing 3$ B mm
KGTS-4T	6.4	5.2
KGTS-5T	7.5	6.4
KGTS-6T	9.5	
KGTS-8T	12.7	9.6
KGTS-10T	15.9	12.8
KGTS-12T	19.1	16.0
KGTS-14T	22.2	19.1
KGTS-18T	28.6	25.5
KGTS-22T	35.7	32.6

Part No.	A	$\varnothing 2,5$ B mm
KGTS-4K	6.4	5.2
KGTS-5K	7.5	6.4
KGTS-6K	9.5	
KGTS-8K	12.7	9.6
KGTS-10K	15.9	12.8
KGTS-12K	19.1	16.0
KGTS-14K	22.2	19.1
KGTS-18K	28.6	
KGTS-22K	35.7	

Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 pcs.

Hole Circuit Board Support


 Top Hole:
 $4.00 \pm 0.08\text{mm}$

 Bottom Hole:
 For #6-32 Thread

 Panel Thickness:
 1.57mm


IDCT

Part No.	A $\pm 0.4\text{mm}$	B $\pm 0.4\text{mm}$
IDCT-4	6.4	5.2
IDCT-6	9.5	7.9
IDCT-8	12.7	
IDCT-10	15.9	
IDCT-12	19.1	
IDCT-14	22.2	
IDCT-16	25.4	
IDCT-18	28.6	
IDCT-22.5	35.7	

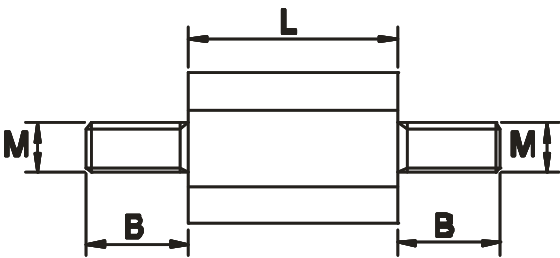
Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.

Nylon Support Post - Hex-Threaded Support

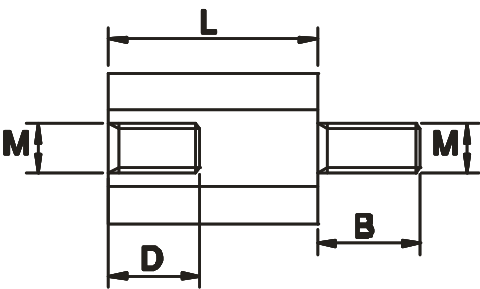
RoHS compliant



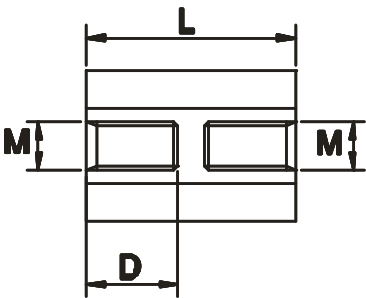
OTQ



TYPE SS



TYPE TS



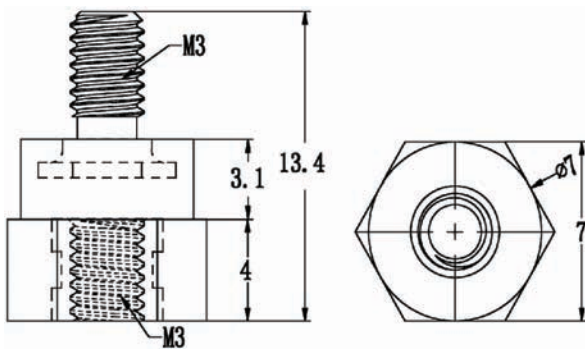
TYPE TT

Support Post Height „L“
available
in 1mm Incrementals.

Material:	Nylon 66 & Brass
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.

Part No.	Pitch	L Height	H mm	B mm	D mm
OTQ-M2-6.4-L-SS	M2	15.0-50.0	6.4	6	6
OTQ-M2-6.4-L-TS					
OTQ-M2-6.4-L-TT					
OTQ-M2.5-6.4-L-SS	M2.5	15.0-50.0	6.4	6	6
OTQ-M2.5-6.4-L-TS					
OTQ-M2.5-6.4-L-TT					
OTQ-M3-6.4-L-SS	M3	15.0-50.0	6.4	6	6
OTQ-M3-6.4-L-TS					
OTQ-M3-6.4-L-TT					
OTQ-M4-8.0-L-SS	M4	15.0-75.0	8	6	6
OTQ-M4-8.0-L-TS					
OTQ-M4-8.0-L-TT					
OTQ-M5-9.5-L-SS	M5	20.0-75.0	9.5	10	10
OTQ-M5-9.5-L-TS					
OTQ-M5-9.5-L-TT					
OTQ-M6-12.7-L-SS	M6	25.0-75.0	12.7	12.7	12.7
OTQ-M6-12.7-L-TS					
OTQ-M6-12.7-L-TT					

Hex Threaded Nylon Support



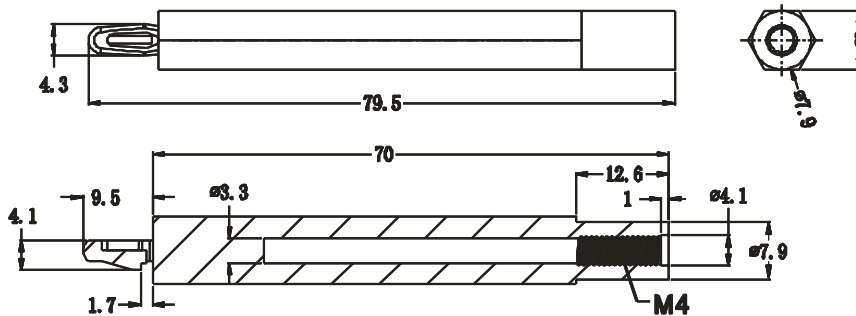
Part No: IUO-M3-7.0-7.0-TS

Material: Nylon 66 & Brass
 Flame class: 94 V-2
 Color: Natural
 Std. Package: 1.000 pcs.



IUO-M3

Hex Circuit Board Support



Other length on request.

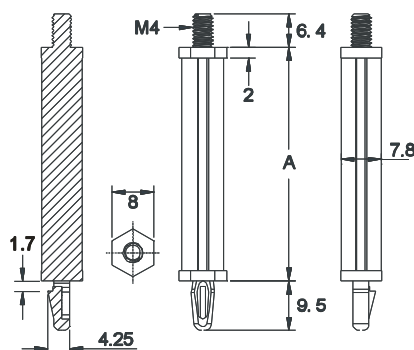
Part No: UDCT-M4-8-70

Material: Nylon 66 (UL)
 Flame class: 94 V-2
 Color: Black
 Std. Package: 500 pcs.



UDCT

Mount Screw Support



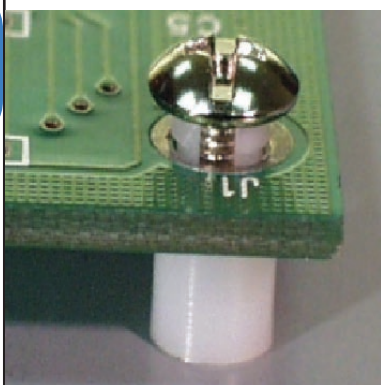
Part No.	A mm
NTT-M4-45-818	45
NTT-M4-50-818	50

Material: Nylon 66 (UL)
 Flame class: 94 V-2
 Color: Black
 Std. Package: 500 pcs.



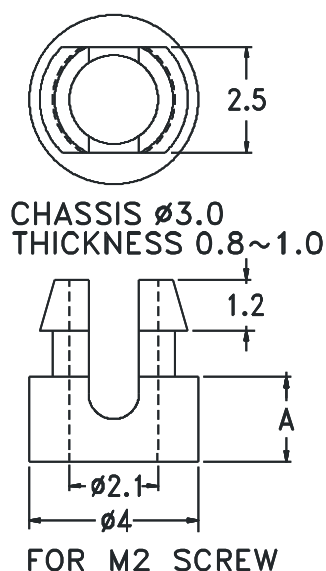
NTT

Space Support TT1



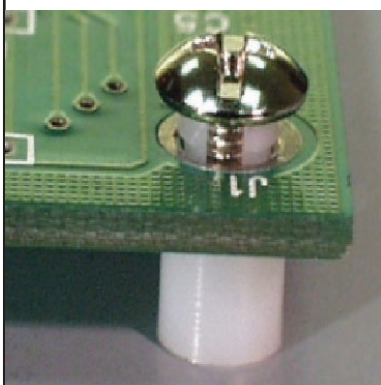
TT1

Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	2.000 pcs.



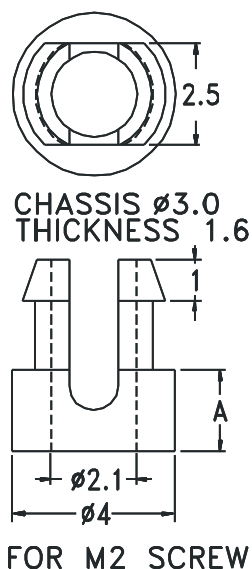
Part No.	A mm
TT1-2	2.0
TT1-2.5	2.5
TT1-3	3.0
TT1-3.5	3.5
TT1-4	4.0
TT1-4.5	4.5
TT1-5	5.0
TT1-5.5	5.5
TT1-6	6.0

Space Support TT1-L



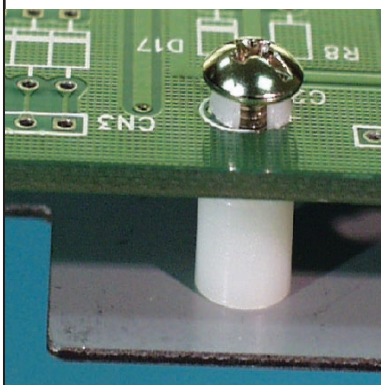
TT1-L

Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	2.000 pcs.



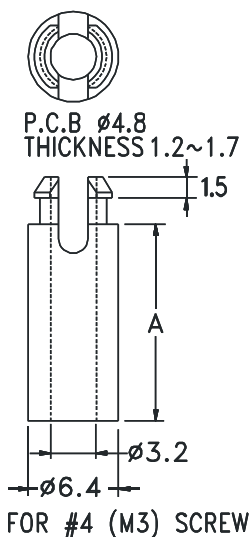
Part No.	A mm
TT1-2L	2.0
TT1-2.5L	2.5
TT1-3L	3.0
TT1-3.5L	3.5
TT1-4L	4.0
TT1-4.5L	4.5
TT1-5L	5.0
TT1-5.5L	5.5
TT1-6L	6.0

Space Support TT



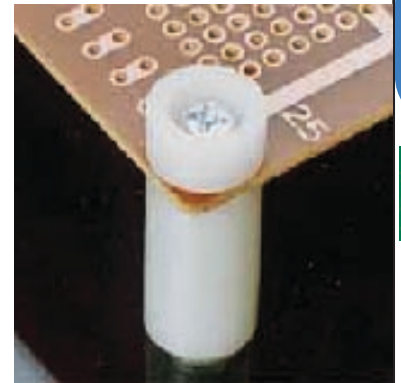
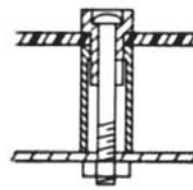
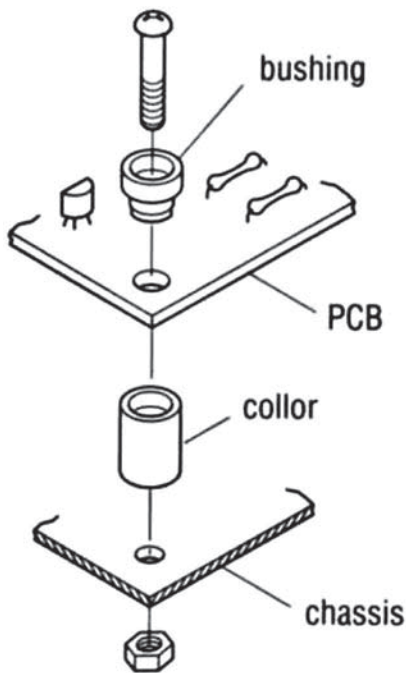
TT

Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.



Part No.	A mm
TT-3	3.2
TT-3.5	3.5
TT-4	4.0
TT-4.5	4.5
TT-5	4.8
TT-6	6.4
TT-8	7.9
TT-10	9.5
TT-11	11.1
TT-12A	12.0
TT-12	12.7
TT-14	14.2
TT-15	15.0
TT-16	15.9
TT-19	19.1
TT-22	22.2
TT-25	25.4

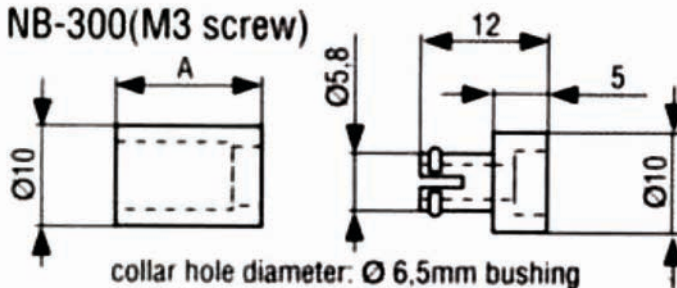
One Touch Collar Bushing



NA / TA

Material: Nylon 66 UL
 Flame class: 94 V-2
 Color: Natural
 Std. Package: 100 / 200 pcs.

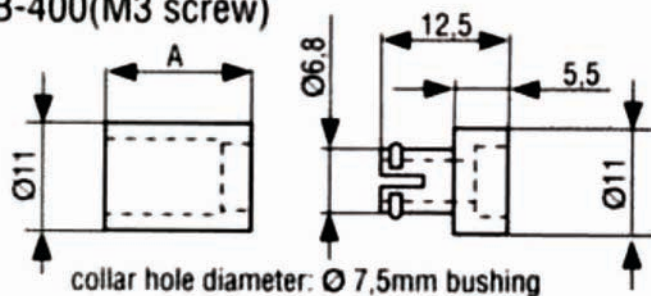
■ NB-300(M3 screw)



NB-300

Collar Part No.	Spacing distance A	Package
NA-305	5.7	200
NA-307	7.5	
NA-310	10.0	
NA-315	15.0	
NA-320	20.0	100

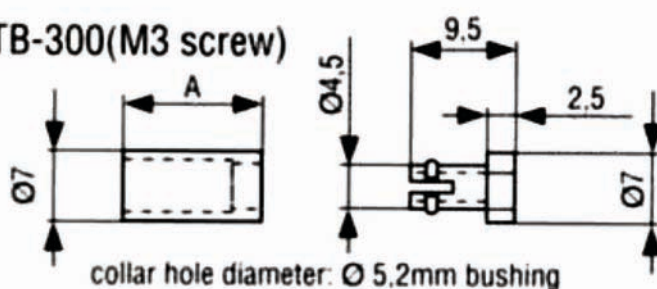
■ NB-400(M3 screw)



NB-400

Collar Part No.	Spacing distance A	Package
NA-405	5.7	200
NA-407	7.5	
NA-410	10.0	
NA-415	15.0	
NA-420	20.0	100

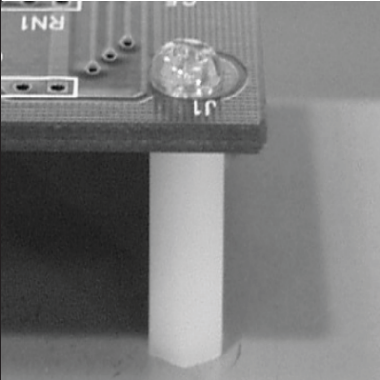
■ TB-300(M3 screw)



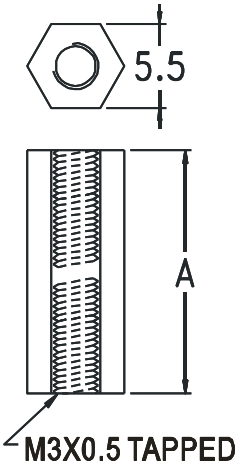
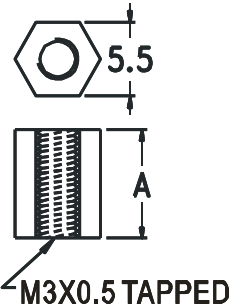
TB-400

Collar Part No.	Spacing distance A	Package
TA-305	5.7	200
TA-307	7.5	
TA-310	10.0	
TA-314	14.0	
TA-320	20.0	
TA-329	29.0	

Space Support IQ



IQ

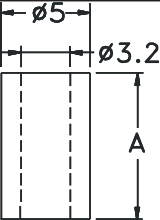
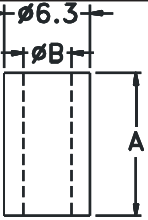
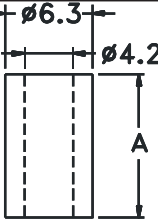


Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	500 / 1.000 pcs.

Part No.	A mm	Package
IQ-4	4.0	1000
IQ-5	5.0	
IQ-6	6.0	
IQ-7	7.0	
IQ-8	8.0	
IQ-9	9.0	
IQ-9.5	9.5	
IQ-10	10.0	
IQ-10.5	10.5	
IQ-11	11.0	
IQ-12A	12.0	

Part No.	A mm	Package
IQ-12	12.7	1000
IQ-13.5	13.5	
IQ-14	14.0	
IQ-15	15.0	
IQ-16	16.0	
IQ-17	17.0	
IQ-18	18.0	
IQ-19	19.0	
IQ-20	20.0	
IQ-22	22.0	
IQ-24	24.0	500
IQ-25	25.0	
IQ-27	27.0	
IQ-30	30.0	
IQ-32	32.0	
IQ-38	38.0	
IQ-40	40.0	
IQ-42	42.0	
IQ-45	45.0	500
IQ-49	49.0	
IQ-52	52.0	

RoHS compliant

									
Part No.	A mm	Pack- age	Part No.	A mm	B mm	Pack- age	Part No.	A mm	Pack- age
KK3-2	2.0	2000	KK3.5-2	2.0	3.5	2000	KK4-2	2.0	2000
KK3-2.5	2.5		KK3.5-3	3.0			KK4-3	3.0	
KK3-3	3.0		KK3.5-3.5	3.5			KK4-3.5	3.5	
KK3-3.3	3.3		KK3.5-4	4.0			KK4-4	4.0	
KK3-3.5	3.5		KK3.5-4.5	4.5			KK4-4.83	4.83	
KK3-4	4.0		KK3.5-5	5.0			KK4-5	5.0	
KK3-4.5	4.5		KK3.5-6	6.0			KK4-6	6.0	
KK3-5	5.0		KK3.5-7	7.0			KK4-7	7.0	
KK3-5.5	5.5		KK3.5-7.5	7.5			KK4-7.5	7.5	
KK3-6	6.0		KK3.5-8	8.0			KK4-8	8.0	
KK3-6.35	6.35		KK3.5-9	9.0			KK4-9	9.0	
KK3-7	7.0		KK3.5-9.5	9.5			KK4-9.5	9.5	
KK3-7.5	7.5		KK3.5-10	10.0			KK4-10	10.0	
KK3-8	8.0		KK3.5-11	11.0			KK4-11	11.0	
KK3-9	9.0		KK3.5-12	12.0			KK4-12	12.0	
KK3-9.5	9.5		KK3.5-13	13.0			KK4-12.7	12.7	
KK3-10	10.0		KK3.5-14	14.0			KK4-13	13.0	
KK3-10.5	10.5		KK3.5-15	15.0			KK4-14	14.0	
KK3-11	11.0	KK3.5-15.5	15.5	KK4-15	15.0				
KK3-12	12.0	KK3.5-16	16.0	KK4-16	16.0				
KK3-13	13.0	1000	KK3.5-17	17.0	1000	KK4-17	17.0	1000	
KK3-13.6	13.6		KK3.5-18	18.0		KK4-18	18.0		
KK3-14	14.0		KK3.5-19	19.0		KK4-19	19.0		
KK3-15	15.0		KK3.5-20	20.0		KK4-20	20.0		
KK3-15.5	15.5		KK3.5-21	21.0		KK4-21	21.0		
KK3-16	16.0		KK3.5-22	22.0		KK4-22	22.0		
KK3-16.5	16.5		KK3.5-23	23.0		KK4-23	23.0		
KK3-16.8	16.8		KK3.5-24	24.0		KK4-24	24.0		
KK3-17	17.0		KK3.5-25	25.0		KK4-25	25.0		
KK3-17.5	17.5		KK3.5-26	26.0		KK4-26	26.0		
KK3-18	18.0		KK3.5-27	27.0		KK4-27	27.0		
KK3-19	19.0		KK3.5-28	28.0		KK4-28	28.0		
KK3-20	20.0	KK3.5-29	29.0	KK4-28.7	28.7				
KK3-21	21.0	KK3.5-30	30.0	KK4-29	29.0				
KK3-22	22.0						KK4-30	30.0	
KK3-23	23.0								
KK3-24	24.0								
KK3-25	25.0								
KK3-26	26.0								
KK3-27	27.0								
KK3-28	28.0								
KK3-29	29.0								
KK3-30	30.0								

Material:

Flame class:

Color:

Std. Package:

Space Support KK



KK



RoHS compliant

Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 / 2.000 pcs.

Self Retaining Spacer

RoHS compliant



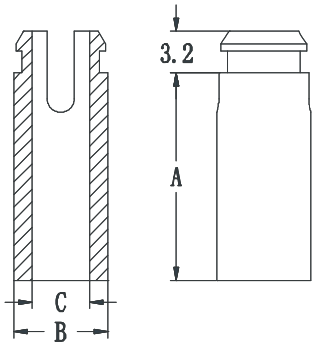
TST

Top Hole:
4.00±0.08mm

Mounting Hole Dia:
5.9±0.08mm

Panel Thickness:
1.57mm

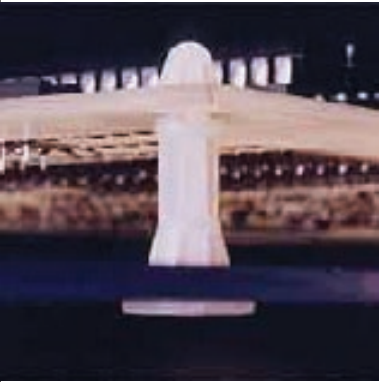
For M4 Screw



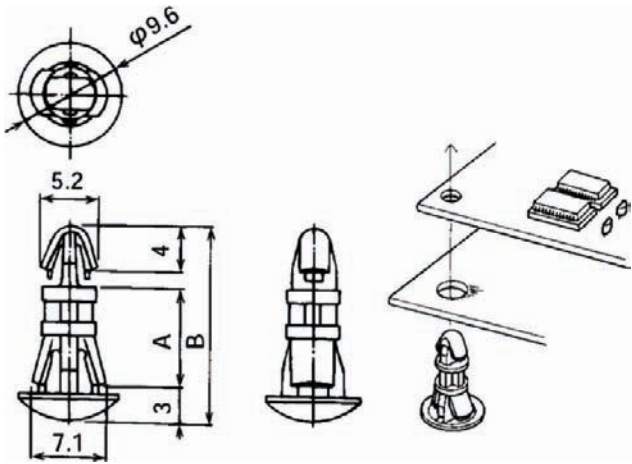
Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.

Part No.	A mm	B mm	C mm
TST8-4	6.4	7	4,3
TST8-5	7.9		
TST8-6	9.5		
TST8-7	11.1		
TST8-8	12.7		
TST8-10	15.9		
TST8-12	19.1		
TST8-14	22.2		
TST8-16	25.4		

Locking Card Spacer



KGLS-RT



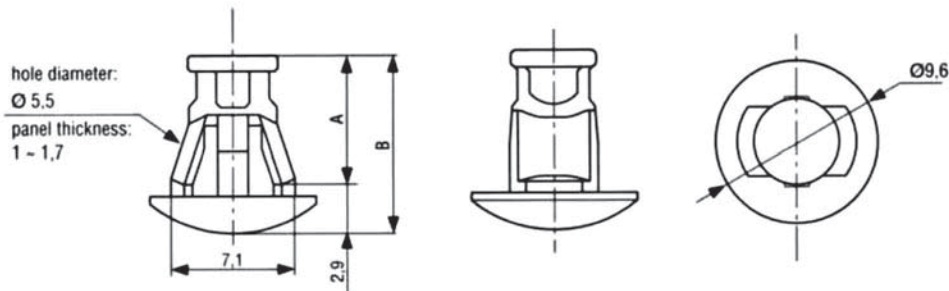
Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 / 500 pcs.

Part No.	A mm	B mm	Hole diameter	Panel thickness	Package
KGLS-5RT	5	13.7	Top φ 4 Bottom φ 5.5	Top t1.6±0.15 Bottom t1~1.75	100
KGLS-6RT	6	14.7			
KGLS-8RT	8	16.7			
KGLS-10RT	10	18.7			
KGLS-12RT	12	20.7			
KGLS-14RT	14	22.7			
KGLS-16RT	16	24.7			
KGLS-18RT	18	26.7			
KGLS-20RT V0	20	28.7			500
KGLS-22RT	22	30.7			
KGLS-24RT	24	32.7			

Card Spacer



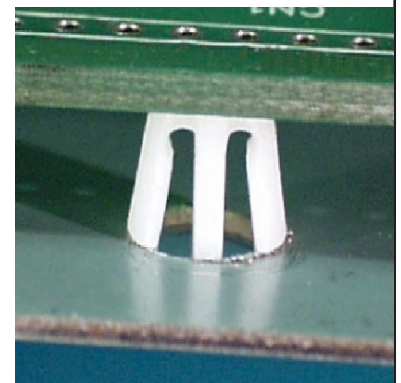
KGPS-RF



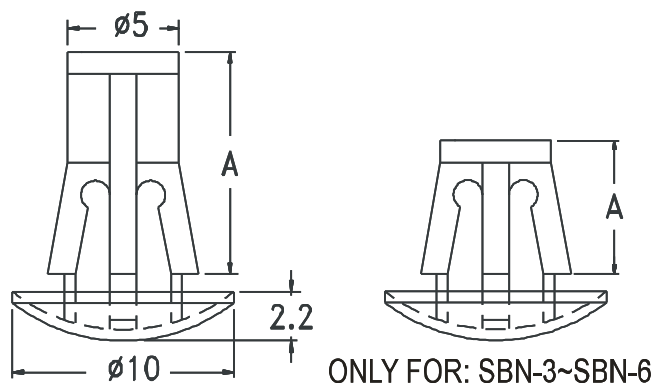
Part No.	A mm	B mm
KGPS-5RF	5	7.9
KGPS-6RF	6	8.9
KGPS-8RF	8	10.9
KGPS-10RF	10	12.9
KGPS-12RF	12	14.9
KGPS-14RF	14	16.9
KGPS-16RF	16	18.9
KGPS-18RF	18	20.9

Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 pcs.

Spacer



SBN



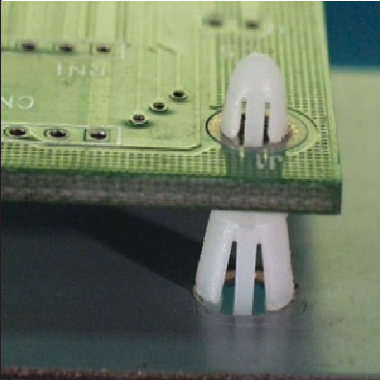
CHASSIS Ø5.5
THICKNESS 0.8~1.6

Part No.	A mm
SBN-7	7.0
SBN-8	8.0
SBN-8.5	8.5
SBN-10	10.0
SBN-12A	12.0
SBN-12	12.7
SBN-14	14.0
SBN-16	15.9
SBN-18	18.0
SBN-19	19.0
SBN-25	25.4
SBN-30	30.0

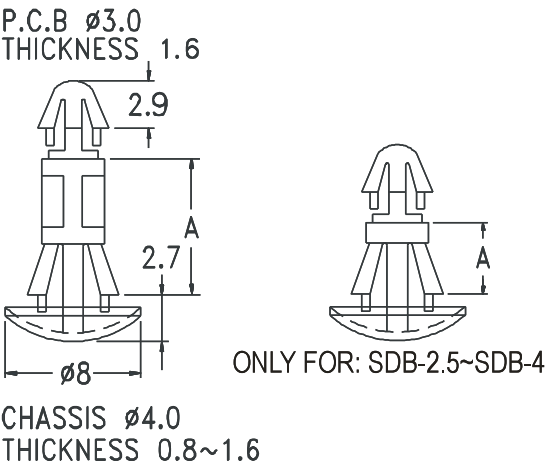
Part No.	A mm
SBN-3	3.5
SBN-5	5.0
SBN-6	6.35

Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.

Spacer



SDB

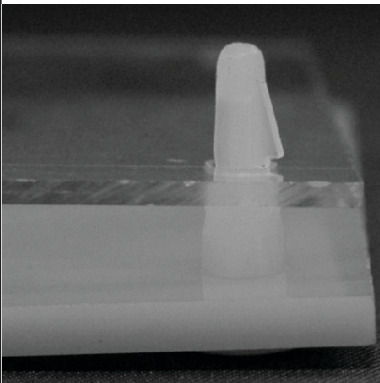


Part No.	A mm
SDB-5	5.0
SDB-6	6.0
SDB-7	7.0
SDB-8	8.0
SDB-9	9.0
SDB-10	10.0
SDB-12	12.0
SDB-14	14.0
SDB-16	16.0

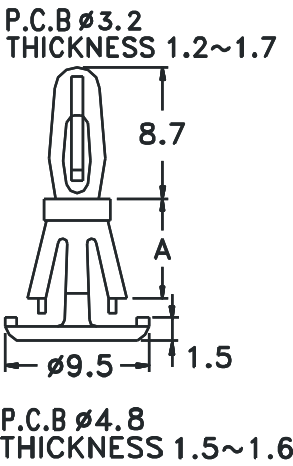
Part No.	A mm
SDB-2.5	2.5
SDB-3	3.2
SDB-4	4.0

Material: Nylon 66 UL
Flame class: 94 V-2
Color: Natural
Std. Package: 1.000 pcs.

Spacer



SDX

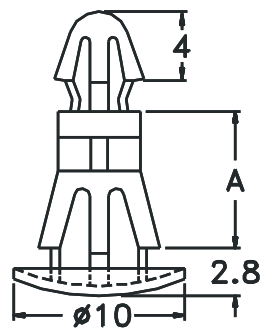


Material: Nylon 66 UL
Flame class: 94 V-2
Color: Natural
Std. Package: 1.000 pcs.

Part No.	A mm
SDX-6.5	6.5
SDX-9.7	9.7

Spacer

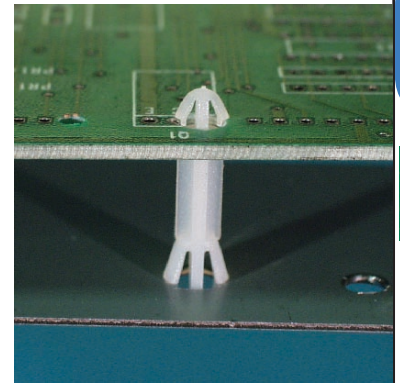
P.C.B $\varnothing 4.0$
THICKNESS 1.2~1.7



CHASSIS $\varnothing 5.5$
THICKNESS 1.2~1.8

Part No.	A mm
SCT-6	6.0
SCT-7	7.0
SCT-8	8.0
SCT-10	10.0
SCT-12	12.0
SCT-14	14.0
SCT-18	18.0

Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.



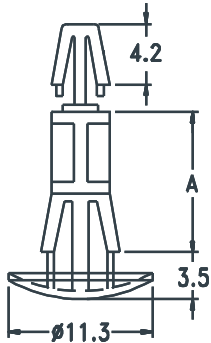
SCT



RoHS compliant

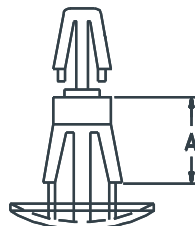
Spacer

P.C.B $\varnothing 4.0$
THICKNESS 1.2~1.7



CHASSIS $\varnothing 5.5$
THICKNESS 1.5~2.2

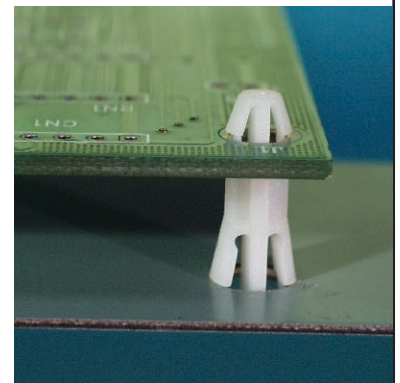
ONLY FOR: SDC-3~SDC-8



Part No.	A mm
SDC-10	10.0
SDC-12	12.7
SDC-15	15.9
SDC-19	19.0
SDC-25	25.4
SDC-35	35.5

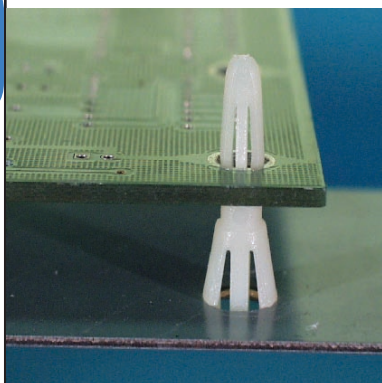
Part No.	A mm
SDC-3	3.5
SDC-5	5.0
SDC-6	6.35
SDC-8	8.0

Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.



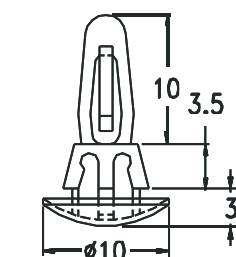
SDC

Spacer



QDCT

P.C.B. $\varnothing 4.0$
THICKNESS 1.2~1.7

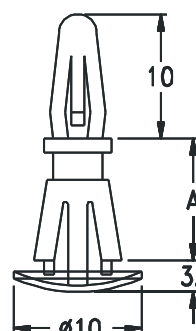


CHASSIS $\varnothing 5.5$
THICKNESS 0.8~1.6

Part No.

QDCT-3

P.C.B. $\varnothing 4.0$
THICKNESS 1.6



CHASSIS $\varnothing 5.5$
THICKNESS 1.0~1.7

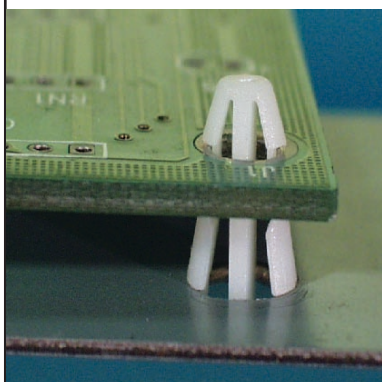
Part No.

A mm

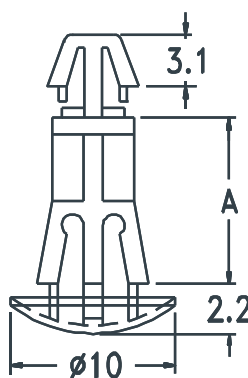
QDCT-6	6.3
QDCT-10	10.0
QDCT-12A	12.0
QDCT-12	12.7

Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.

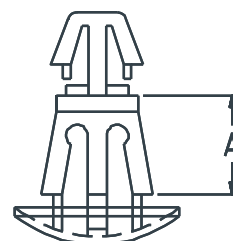
Spacer



SDN



CHASSIS $\varnothing 5.5$
THICKNESS 0.8~1.6



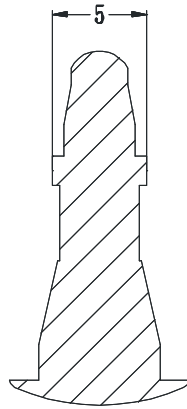
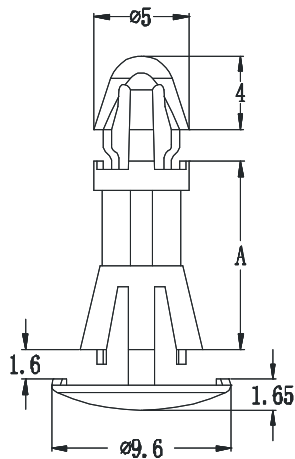
ONLY FOR: SDN-3~SDN-6

Part No.	A mm
SDN-7	7.0
SDN-8	8.0
SDN-8.5	8.5
SDN-10	10.0
SDN-12A	12.0
SDN-12	12.7
SDN-13.5	13.5
SDN-14	14.0
SDN-15	15.2
SDN-16	15.9
SDN-18	18.0
SDN-19	19.0
SDN-22	21.7
SDN-24	24.0
SDN-25	25.4
SDN-30	30.0

Part No.	A mm
SDN-3	3.5
SDN-3V0	3.5
SDN-5	5.0
SDN-6	6.35

Material:	Nylon 66 UL
Flame class:	94 V-2 / 94 V-0
Color:	Natural
Std. Package:	1.000 pcs.

Locking Circuit Board Support



Top Hole:
4.00mm

Panel Thickness:
1.6mm

Bottom Hole:
5.4mm

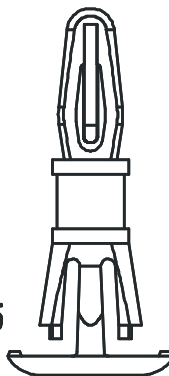
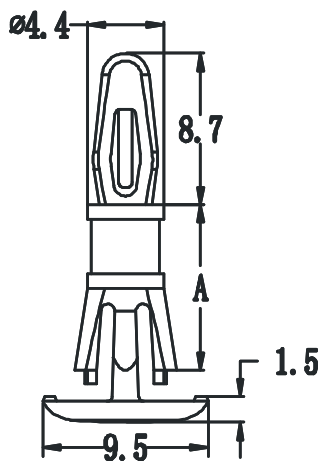


MDCTD

Part No.	A ± 0.4 mm
MDCTD-6	6.0
MDCTD-8	8.0
MDCTD-10	10.0
MDCTD-12	12.0
MDCTD-14	14.0

Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.

Locking Circuit Board Support



Top Hole:
3.18mm

Panel Thickness:
1.6mm

Bottom Hole:
4.75mm

Panel Thickness:
1.5-1.6mm

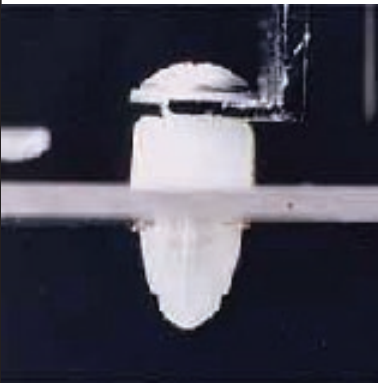


MDCTD2

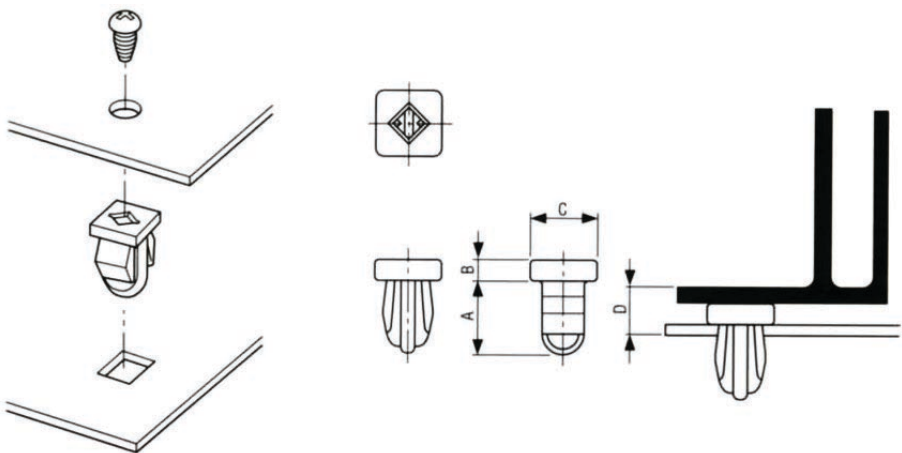
Part No.	A ± 0.4 mm
MDCTD2-4	6.4
MDCTD2-5	7.9
MDCTD2-6	9.5
MDCTD2-7	11.1
MDCTD2-8	12.7
MDCTD2-9	14.3
MDCTD2-10	15.9

Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.

Expansion Nut



ES-K



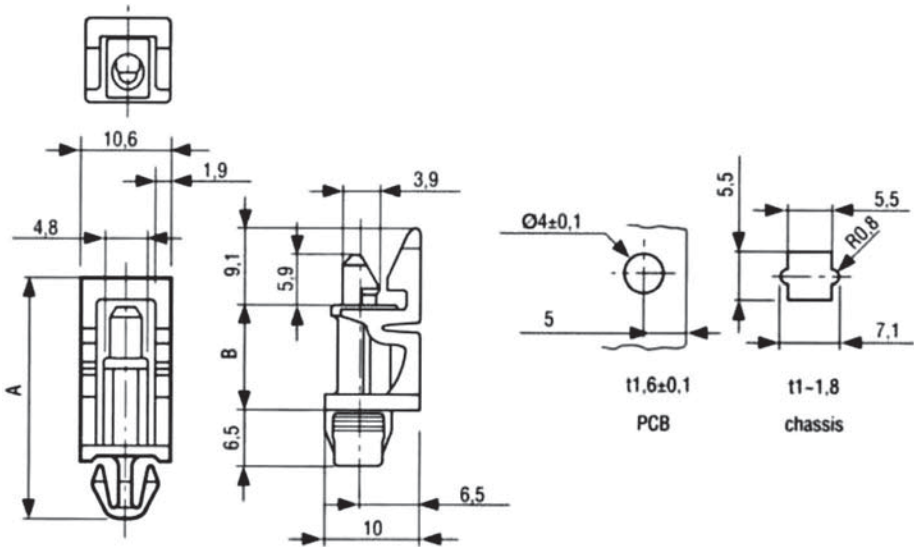
Material: Nylon 66 UL
Flame class: 94 V-2
Color: Natural
Std. Package: 500 pcs.

Part No.	Tapping screw	A mm	B mm	C mm	Hole dimension
ES-1K	Ø 4.5	11.0	0.8	9.7	6.7
ES-2K			1.6		
ES-3K			3.2		
ES-4K			4.8		
ES-5K			6.4		

Card Edge Spacer



KGES



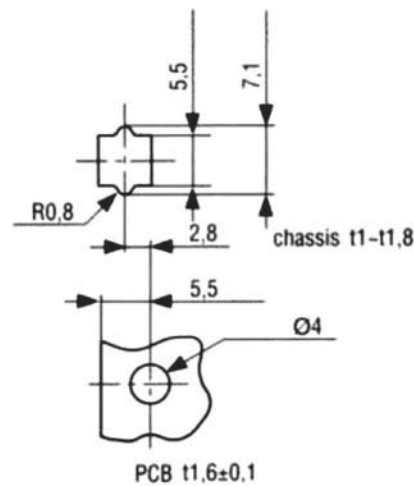
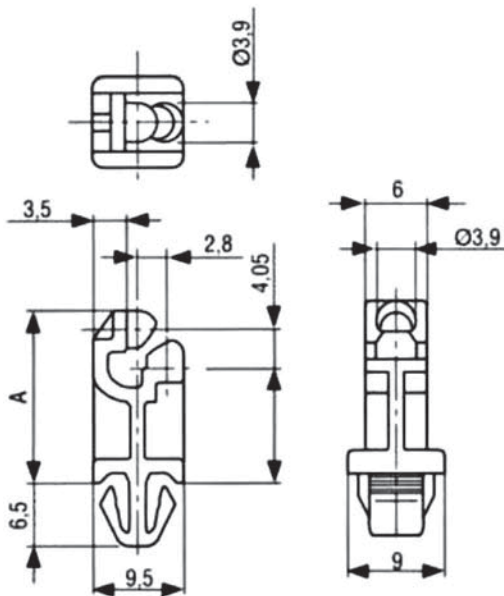
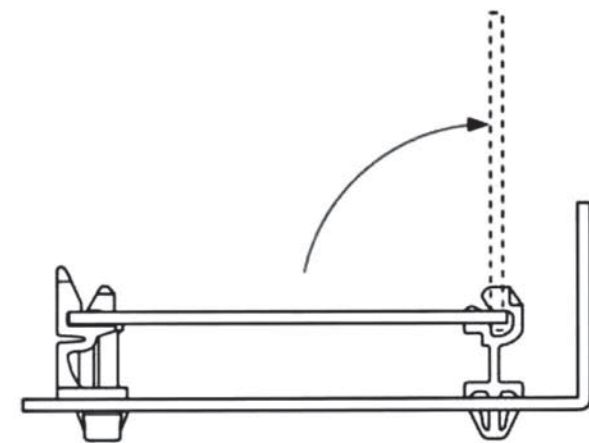
Material: Nylon 66 UL
Flame class: 94 V-2
Color: Natural
Std. Package: 1000 pcs.

Part No.	A mm	B mm
KGES-4	19.6	4.0
KGES-6	21.6	6.0
KGES-8	23.6	8.0
KGES-10	25.6	10.0
KGES-12	27.6	12.0
KGES-14	29.6	14.0
KGES-18	33.6	18.0
KGES-25	40.6	25.0
KGES-30	45.6	30.0

Pierce Hold



PHD

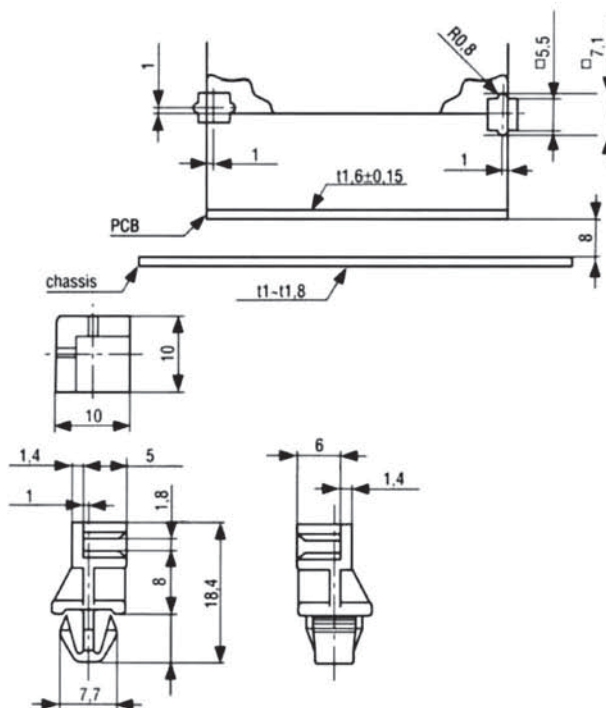


Part No.	A mm	B mm
PHD-04	10.0	4.0
PHD-06	12.0	6.0
PHD-08	14.0	8.0
PHD-10	16.0	10.0
PHD 12	18.0	12.0
PHD-14	20.0	14.0
PHD-18	24.0	18.0
PHD-25	31.0	25.0
PHD-30	36.0	30.0

Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	1000 pcs.

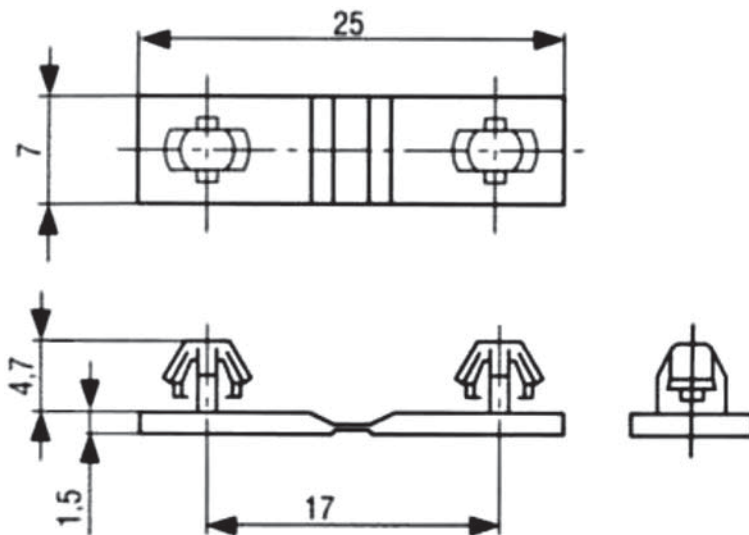


RoHS compliant



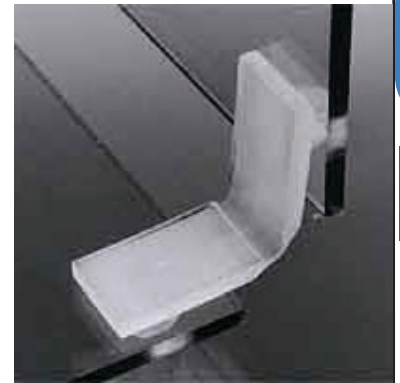
Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	1000 pcs.

Snap Hinge



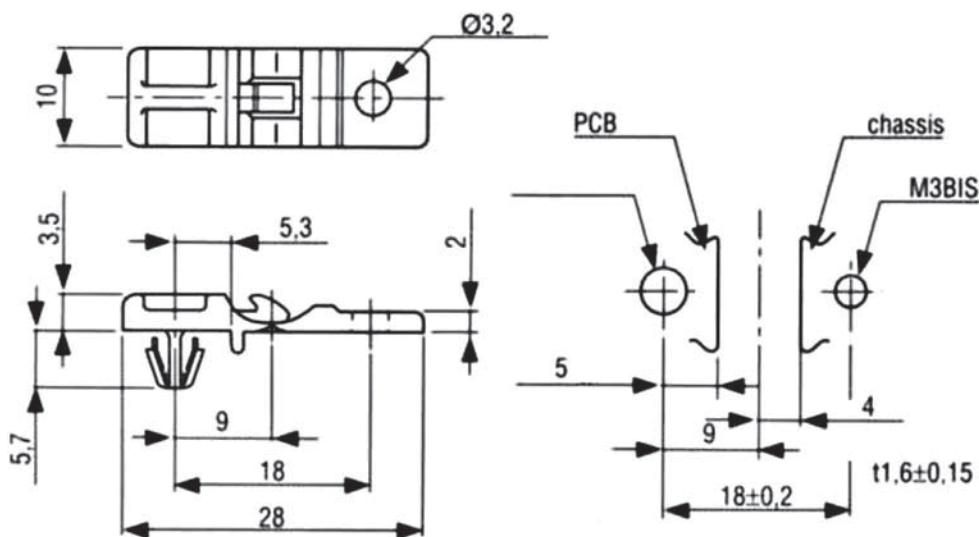
Part No: H-0417

Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 pcs.



H-0417

Lock Hinge



Part No: HLB-130-0

Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 pcs.

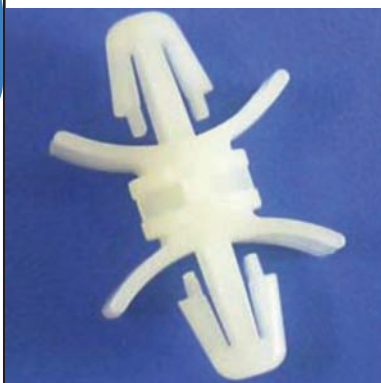


HLB



RoHS compliant

Dual Lock Support Post



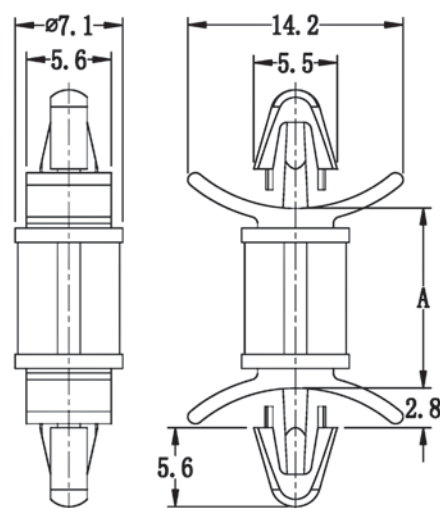
EMTQ

Part No.	A±0,4mm
EMTQ5-03	4,8
EMTQ5-04	6,4
EMTQ5-06	9,5
EMTQ5-08	12,7
EMTQ5-10	15,9
EMTQ5-12	19,1
EMTQ5-14	22,2

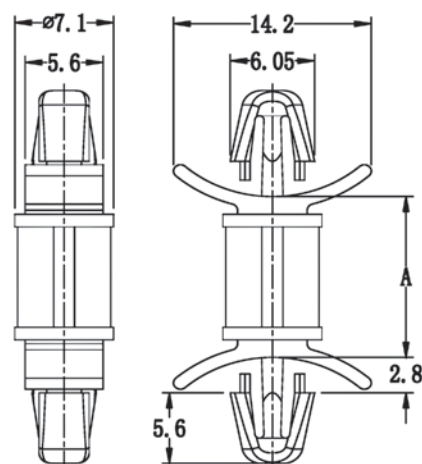
Material: Nylon 66 (UL)
 Flame class: 94 V-2
 Color: Natural
 Std. Package: 1.000 pcs.

Part No.	A±0,4mm
EMTQ6-03	4,8
EMTQ6-04	6,4
EMTQ6-06	9,5
EMTQ6-08	12,7
EMTQ6-10	15,9
EMTQ6-12	19,1
EMTQ6-14	22,2

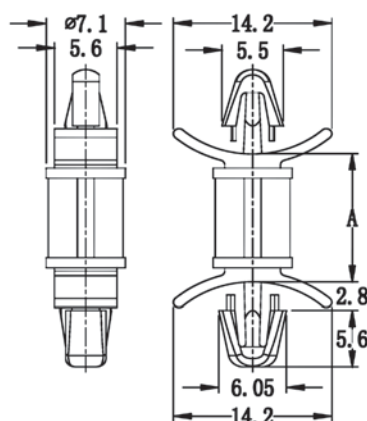
Part No.	A±0,4mm
EMTQ7-03	4,8
EMTQ7-04	6,4
EMTQ7-06	9,5
EMTQ7-08	12,7
EMTQ7-10	15,9
EMTQ7-12	19,1
EMTQ7-14	22,2



Hole: 4.00 ± 0.08 mm
 Panel Thickness: 0.79–1.98mm

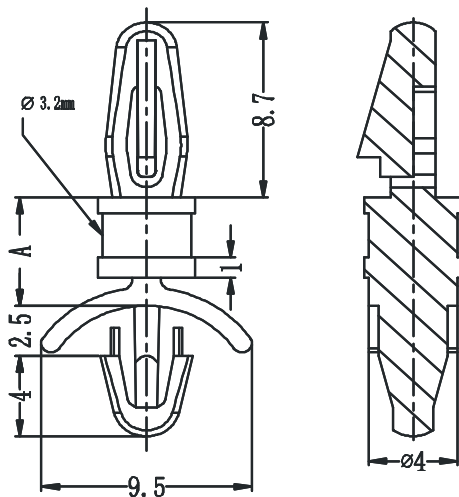


Hole: 4.75 ± 0.08 mm
 Panel Thickness: 0.79~1.98 mm



Top Hole: 4.00 ± 0.08 mm
 Bottom Hole: 4.75 ± 0.08 mm
 Panel Thickness: 0.79~1.98 mm

Locking Support Post

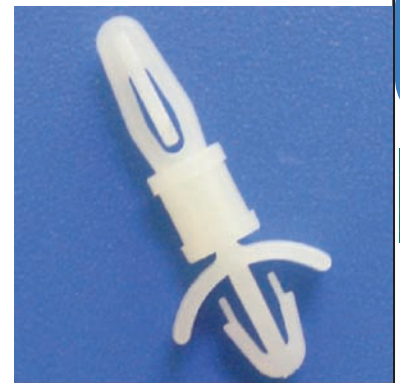


Top Hole:
3,18±0,05mm

Panel Thickness:
1,57mm

Bottom Hole:
3,18±0,05mm

Panel Thickness:
0,79~1,98mm

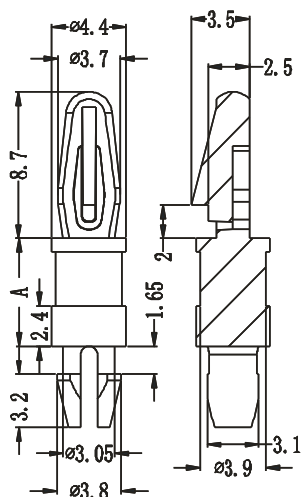


MTQ9

Part No.	A ±0,4mm
MTQ9-02	3,2
MTQ9-03	4,8
MTQ9-04	6,4
MTQ9-05	7,9
MTQ9-06	9,5
MTQ9-07	11,1
MTQ9-08	12,7
MTQ9-10	15,9

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.

Locking Support Post



Top Hole:
3,5±0,05mm

Panel Thickness:
1,57mm

Bottom Hole:
3,5±0,05mm

Panel Thickness:
1,57mm



MTQ11

Part No.	A ±0,4mm
MTQ11-2	3,2
MTQ11-3	4,8
MTQ11-4	6,4
MTQ11-5	7,9
MTQ11-6	9,5
MTQ11-7	11,1
MTQ11-8	12,7
MTQ11-9	14,3
MTQ11-10	15,9
MTQ11-12	19,1
MTQ11-14	22,2

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.

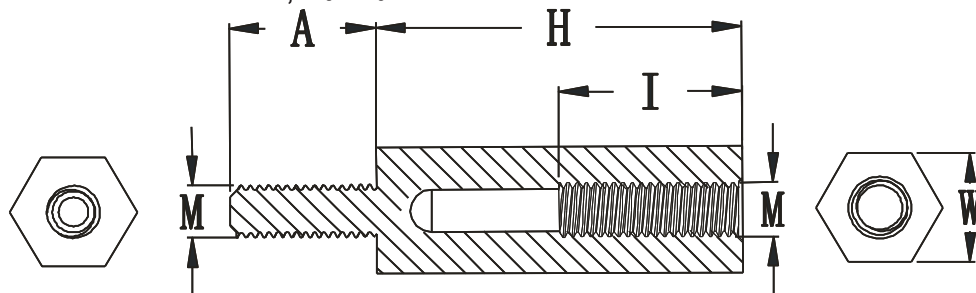
Hex Nylon Threaded Spacer



OUT

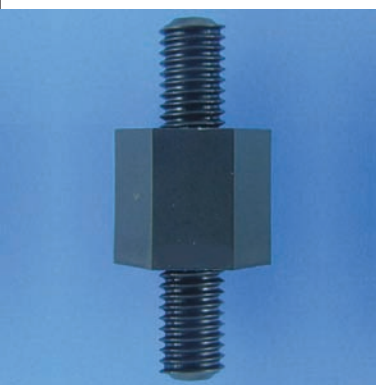
Material: Nylon 6 (UL)
 Flame class: 94 -HB
 Color: Black
 Std. Package: 1.000 pcs.

$$I = H - 2\text{mm, max. } 10\text{mm}$$



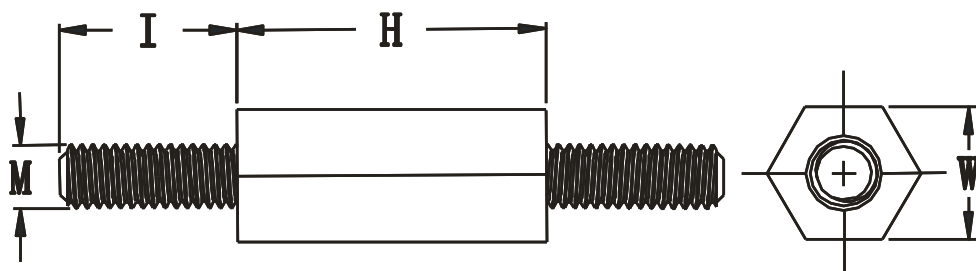
Part No.	M	W	A mm	H mm	
				min	max
OUT-M3-H-X	M3	6	8	5	60
OUT-M3-8H-X		8			
OUT-M4-H-X	M4	10		8	
OUT-H-X	M5				
OUT-M6-H-X	M6			8	

Hex Nylon Threaded Spacer



OUT-MM

Material: Nylon 6 (UL)
 Flame class: 94 -HB
 Color: Black
 Std. Package: 1.000 pcs.



Part No.	M	W	I mm	H mm	
				min	max
OUT-MM-M3-H-X	M3	6	6	3	60
OUT-MM-M4-H-X	M4	8	6,4		

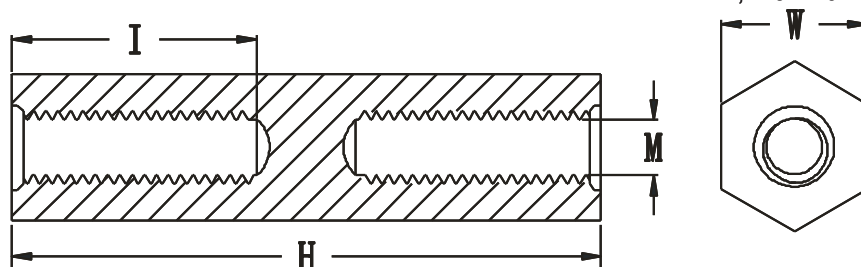
Hex Nylon Threaded Spacer



OUT-FF

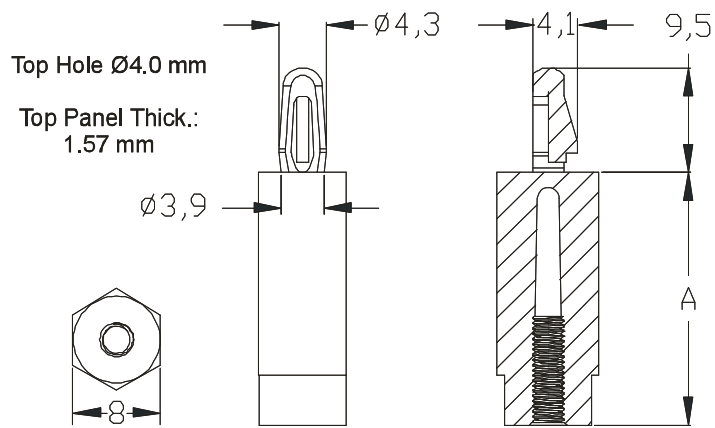
Material: Nylon 6 (UL)
 Flame class: 94 -HB
 Color: White
 Std. Package: 1.000 pcs.

$$I = H - 2\text{mm, max. } 10\text{mm}$$



Part No.	M	W	H mm	
			min	max
OUT-FF-M3-55H-X	M3	5,5	5	60
OUT-FF-M3-H-X		6		
OUT-FF-M3-8H-X		8	6	
OUT-FF-M4-H-X	M4		5	
OUT-FF-M5-H-X	M5	10	10	
OUT-FF-M6-H-X	M6			

Hex Nylon Threaded Spacer

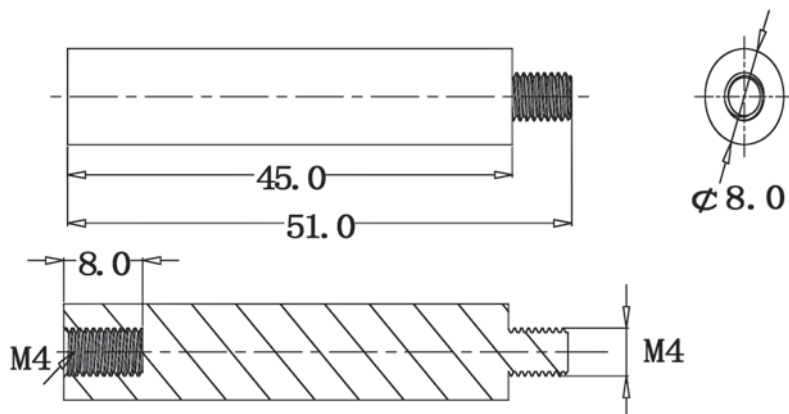


UDCT

Part No.	Bottom Thread	A mm
UDCT-M3-8-23B	M3	23
UDCT-M4-8-10B	M4	10
UDCT-M4-8-15B	M4	15

Material:	Nylon 6 (UL)
Flame class:	94 -HB
Color:	Black
Std. Package:	1.000 pcs.

Round Circuit Board Support



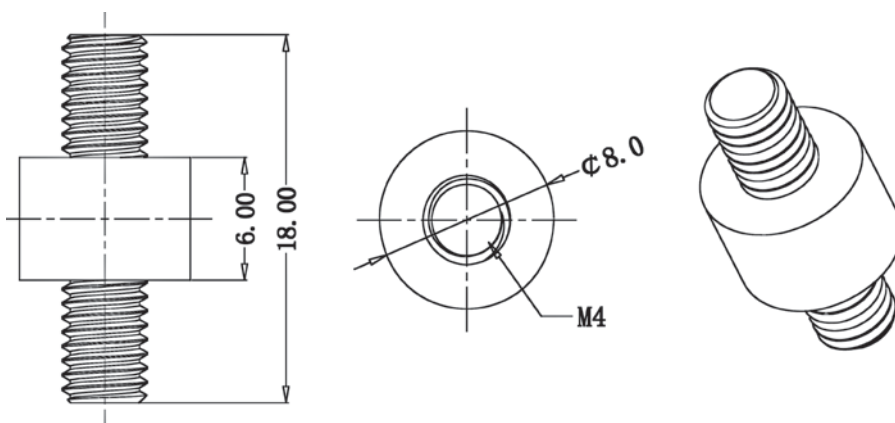
OUT-R

Other length on request.

Part No: OUT-R-45

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.

Round Circuit Board Support



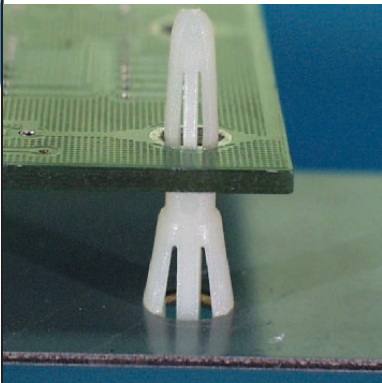
OTQ

Other length on request.

Part No: OTQ-M4-8-6

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.

Locking Circuit Board Support



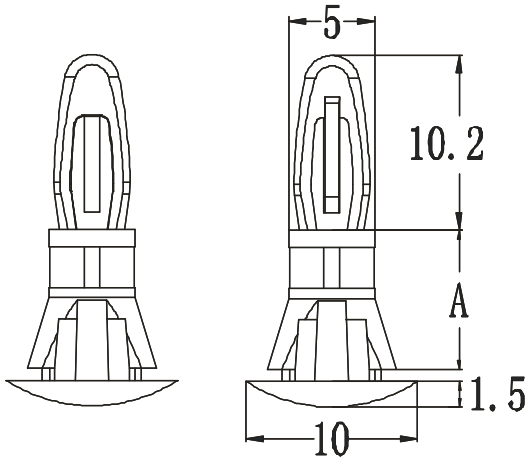
MDCTD4

Top Hole:
Ø4.0 ± 0.08 mm

Panel Thickness:
1.6 mm

Bottom Hole:
Ø6.0 ± 0.08 mm

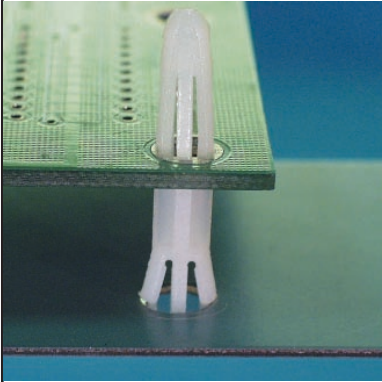
Panel Thickness:
0.8 mm - 1.2 mm



Material: Nylon 66 UL
Flame class: 94 V-2
Color: Natural
Std. Package: 1.000 pcs.

Part No.	A ± 0.4 mm
MDCTD4-03	4,8
MDCTD4-04	6,4
MDCTD4-05	7,9
MDCTD4-06	9,5
MDCTD4-08	12,7
MDCTD4-12	19,1

Locking Circuit Board Support



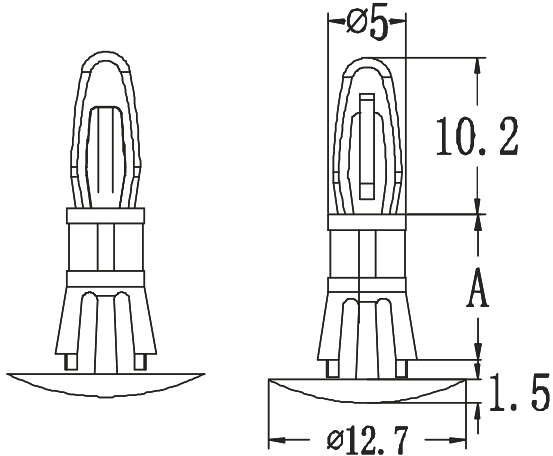
MDCTD5

Top Hole:
Ø4.0 ± 0.08 mm

Panel Thickness:
1.6 mm

Bottom Hole:
Ø5.4 ± 0.08 mm

Panel Thickness:
1.2 mm - 2.0 mm



Material: Nylon 66 UL
Flame class: 94 V-2
Color: Natural
Std. Package: 1.000 pcs.

Part No.	A ± 0.4 mm
MDCTD5-04	6,4
MDCTD5-06	9,5
MDCTD5-08	12,7
MDCTD5-10	15,9

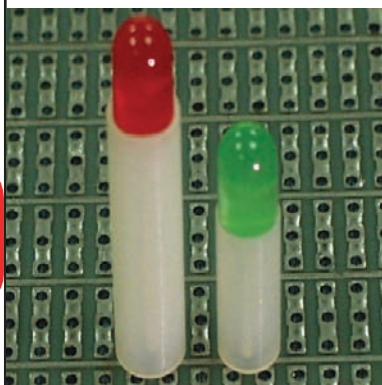
Chapter B

• LED Mounting Hardware

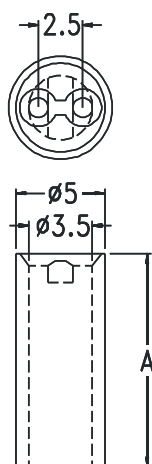


RoHS compliant

MFE



MFE

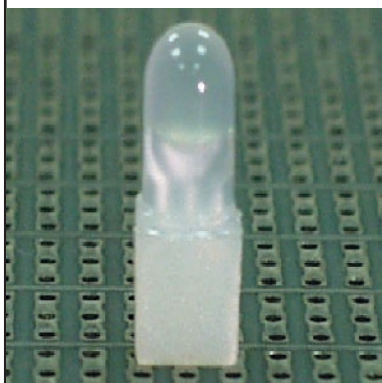


Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 / 2.000 pcs.

Part No.	A mm	Package
MFE-1.5	1.5	2000
MFE-2	2.0	
MFE-2.5	2.5	
MFE-3	3.0	
MFE-3.5	3.5	
MFE-4	4.0	
MFE-4.5	4.5	
MFE-5	5.0	
MFE-5.5	5.5	
MFE-6	6.0	
MFE-6.5	6.5	
MFE-6.8	6.8	
MFE-7	7.0	1000
MFE-7.5	7.5	
MFE-8	8.0	
MFE-8.5	8.5	
MFE-8.8	8.8	
MFE-9	9.0	
MFE-9.5	9.5	
MFE-10	10.0	
MFE-10S	10.0	
MFE-10.5	10.5	
MFE-11	11.0	
MFE-11.5	11.5	
MFE-12	12.0	

Part No.	A mm	Package
MFE-12.5	12.5	2000
MFE-13	13.0	
MFE-13.5	13.5	1000
MFE-14	14.0	
MFE-14.5	14.5	
MFE-15	15.0	
MFE-15.5	15.5	
MFE-16	16.0	
MFE-16.5	16.5	
MFE-17	17.0	
MFE-17.5	17.5	
MFE-17.7	17.7	
MFE-18	18.0	
MFE-18.5	18.5	
MFE-19	19.0	
MFE-19.5	19.5	
MFE-20	20.0	
MFE-20.5	20.5	
MFE-21	21.0	
MFE-21.5	21.5	
MFE-22	22.0	
MFE-22.5	22.5	
MFE-23	23.0	
MFE-23.5	23.5	
MFE-24	24.0	

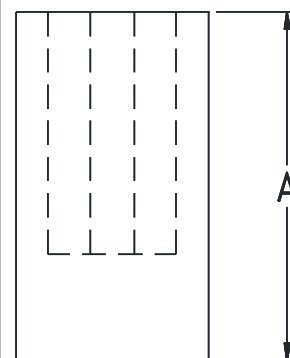
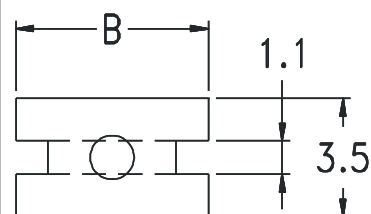
MFE3X



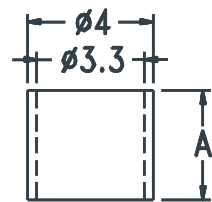
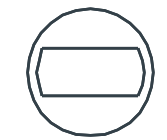
MFE3X

Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Black
Std. Package:	1.000 / 2.000 pcs.

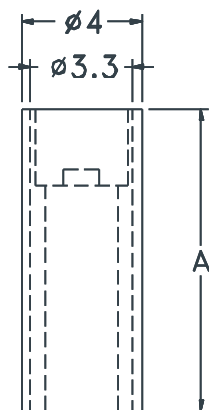
Part No.	A mm	B mm	Package
MFE3X3	3.0	5.7	2000
MFE3X4	4.0		
MFE3X5	5.0		
MFE3X6	6.0		
MFE3X7	7.0		
MFE3X8	8.0		
MFE3X9	9.0		
MFE3X10	10.0		
MFE3X11	11.0	6.0	1000
MFE3X12	12.0	5.7	
MFE3X13	13.0		
MFE3X14	14.0		
MFE3X15	15.0	7.0	
MFE3X16	16.0	5.7	
MFE3X17	17.0		
MFE3X18	18.0		
MFE3X18.5	18.5		
MFE3X19	19.0		



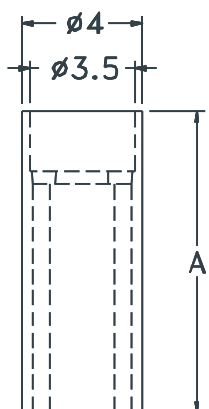
MFET



FOR MFET-3.5 OR LESS

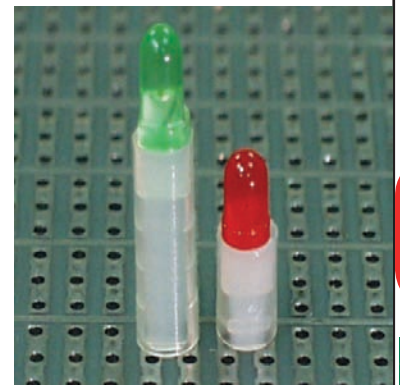


MFET-XX



MFET-XXS

Part No.	Part No.	A mm	Package
MFET-1		1.0	2000
MFET-1.5		1.5	
MFET-2		2.0	
MFET-2.5		2.5	
MFET-3		3.0	
MFET-3.5		3.5	
MFET-4	MFET-4S	4.0	
MFET-4.5	MFET-4.5S	4.5	
MFET-5	MFET-5S	5.0	
MFET-5.5	MFET-5.5S	5.5	
MFET-6	MFET-6S	6.0	
MFET-6.5	MFET-6.5S	6.5	
MFET-7	MFET-7S	7.0	
MFET-7.5	MFET-7.5S	7.5	
MFET-8	MFET-8S	8.0	
MFET-8.5	MFET-8.5S	8.5	
MFET-9	MFET-9S	9.0	
MFET-9.5	MFET-9.5S	9.5	
MFET-10	MFET-10S	10.0	
MFET-10.5	MFET-10.5S	10.5	
MFET-11	MFET-11S	11.0	1000
MFET-11.5	MFET-11.5S	11.5	
MFET-12	MFET-12S	12.0	
MFET-12.5	MFET-12.5S	12.5	
MFET-13	MFET-13S	13.0	
MFET-13.5	MFET-13.5S	13.5	
MFET-14	MFET-14S	14.0	
MFET-14.5	MFET-14.5S	14.5	
MFET-15	MFET-15S	15.0	
MFET-15.5	MFET-15.5S	15.5	
MFET-16	MFET-16S	16.0	
MFET-16.5	MFET-16.5S	16.5	
MFET-17	MFET-17S	17.0	
MFET-17.5	MFET-17.5S	17.5	
MFET-18	MFET-18S	18.0	
MFET-18.5	MFET-18.5S	18.5	
MFET-19	MFET-19S	19.0	
MFET-19.5	MFET-19.5S	19.5	
MFET-20	MFET-20S	20.0	
MFET-20.5	MFET-20.5S	20.5	
MFET-21	MFET-21S	21.0	
MFET-21.5	MFET-21.5S	21.5	
MFET-22	MFET-22S	22.0	
MFET-22.5	MFET-22.5S	22.5	
MFET-23	MFET-23S	23.0	
MFET-23.5	MFET-23.5S	23.5	
MFET-24	MFET-24S	24.0	



MFET



RoHS compliant

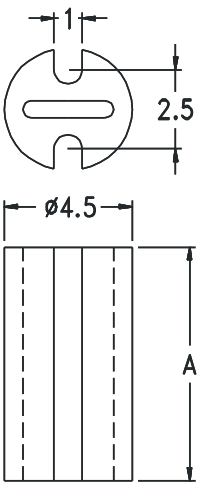
Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 / 2.000 pcs.

MFEI



MFEI

Part No.	A mm	Package
MFEI-2	2.0	2000
MFEI-2.5	2.5	
MFEI-3	3.0	
MFEI-3.5	3.5	
MFEI-4	4.0	
MFEI-4.5	4.5	
MFEI-5	5.0	1000
MFEI-5.5	5.5	
MFEI-6	6.0	
MFEI-6.5	6.5	
MFEI-7	7.0	
MFEI-7.5	7.5	
MFEI-8	8.0	
MFEI-8.5	8.5	
MFEI-9	9.0	
MFEI-9.5	9.5	
MFEI-10	10.0	
MFEI-10.5	10.5	
MFEI-11	11.0	
MFEI-11.5	11.5	
MFEI-12	12.0	
MFEI-12.5	12.5	
MFEI-13	13.0	
MFEI-13.5	13.5	
MFEI-14	14.0	
MFEI-14.5	14.5	
MFEI-15	15.0	
MFEI-15.5	15.5	
MFEI-18	18.0	



Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural and Black
Std. Package:	1.000 / 2.000 pcs.

RoHS compliant



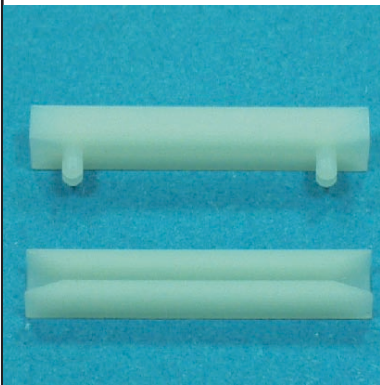
Chapter C

- **Card Guides & Ejectors**

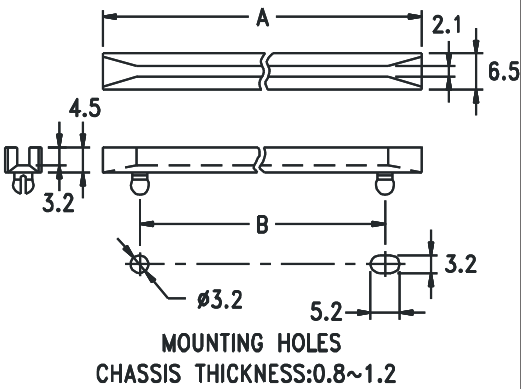


RoHS compliant

Card Guide



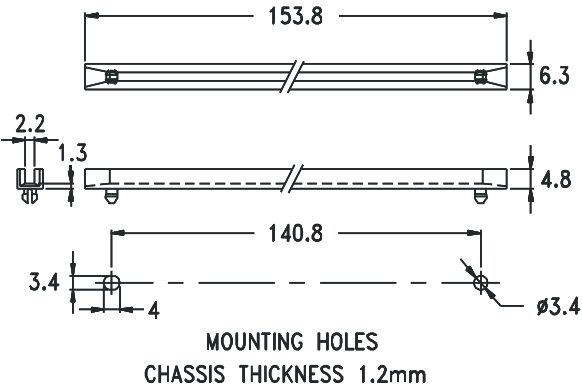
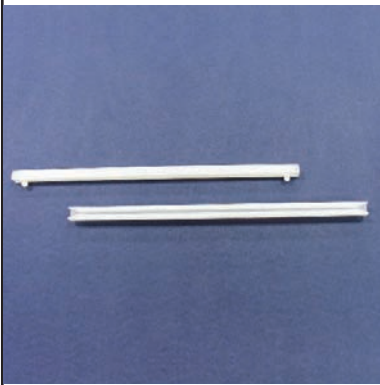
Part No.	A mm	B mm	Package
DH-250	63.5	50.8	500
DH-300	76.2	63.5	
DH-350	88.9	76.2	
DH-400	101.6	88.9	250
DH-450	114.3	101.6	
DH-500	127.0	114.3	
DH-550	139.7	127.0	
DH-600	152.4	139.7	



DH

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	200 / 250 / 500 pcs.

Card Guide

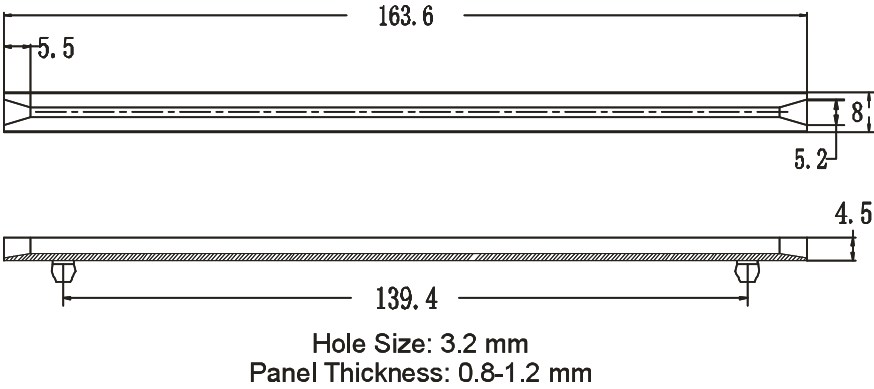
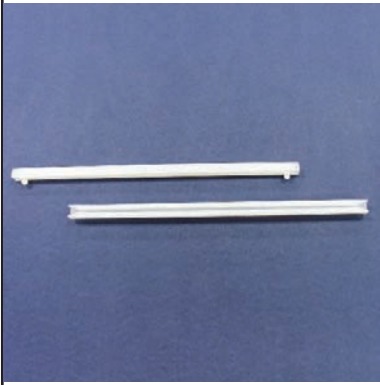


DH-153

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 pcs.

Part No.	Package
DH-153	100

Card Guide

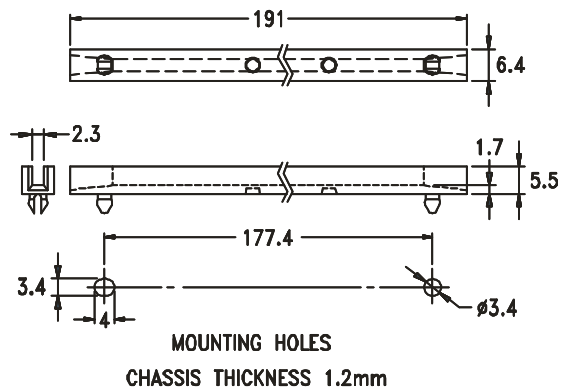


DH-163

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 pcs.

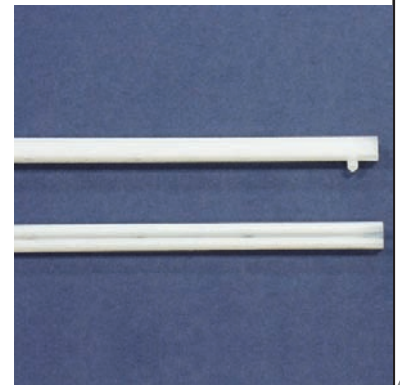
Part No.	Package
DH-163	100

Card Guide



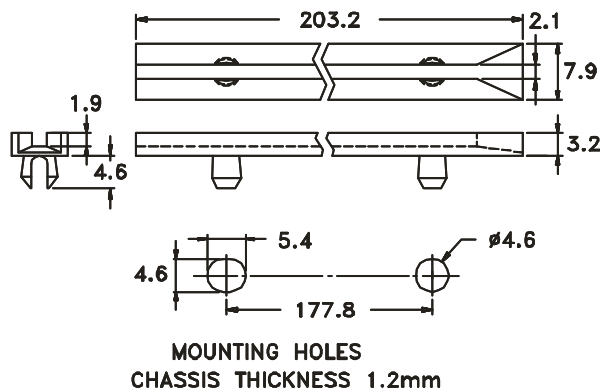
Part No.	Package
DH-191	100

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 pcs.



DH-191

Card Guide



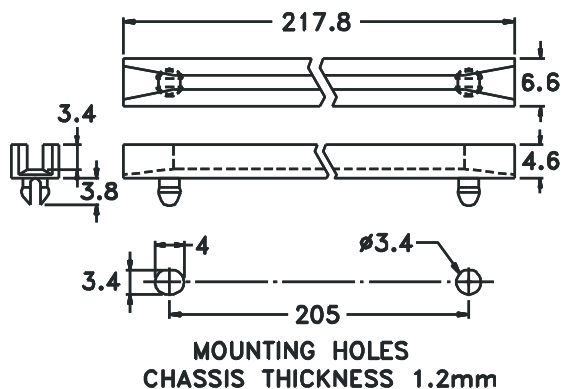
Part No.	Package
DH-203	100

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 pcs.



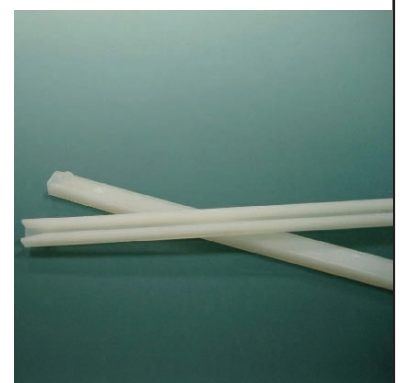
DH-203

Card Guide



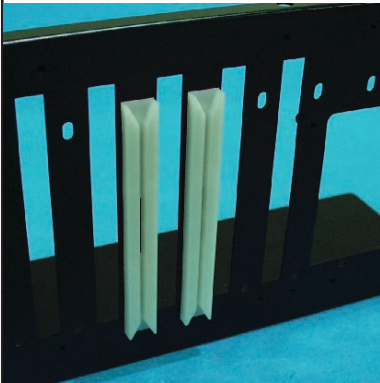
Part No.	Package
DH-218	100

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 pcs.

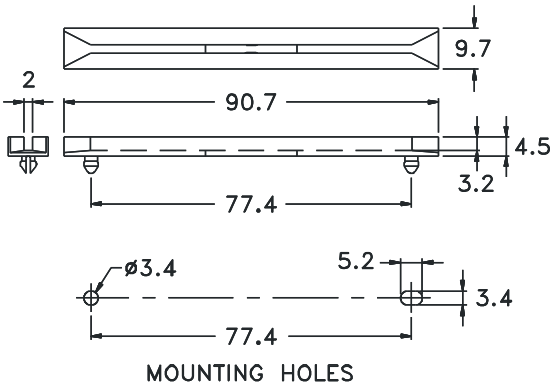


DH-218

Card Guide



DH-9A



MOUNTING HOLES

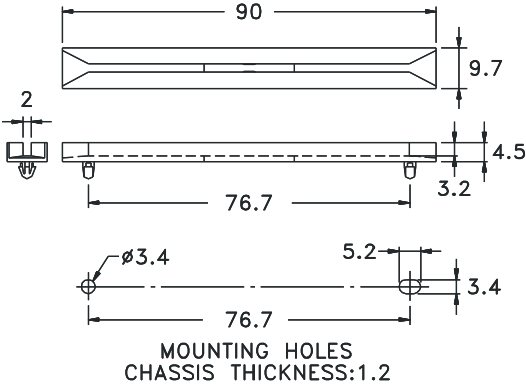
Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural / Black
Std. Package:	250 pcs.

Part No.	Package
DH-9A	250

Card Guide



DH-9B



MOUNTING HOLES
CHASSIS THICKNESS:1.2

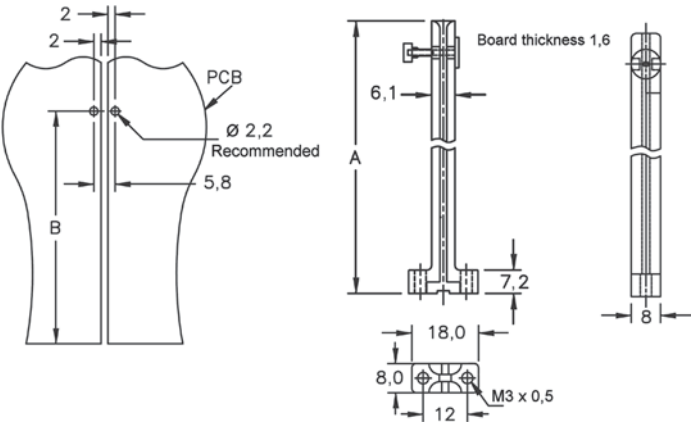
Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural / Black
Std. Package:	250 pcs.

Part No.	Package
DH-9B	250

Card Guide



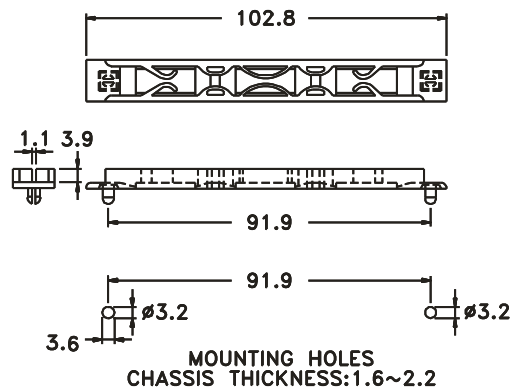
GSV-XM-BM



Material:	Nylon 6 (UL)
Flame class:	94 V-2
Color:	Blue
Std. Package:	100 pcs.

Part No.	A mm	B mm
GSV-50M-BM	50,00	42,18
GSV-65M-BM	65,00	56,50
GSV-90M-BM	90,00	81,50
GSV-120M-BM	120,00	112,50

Card Guide



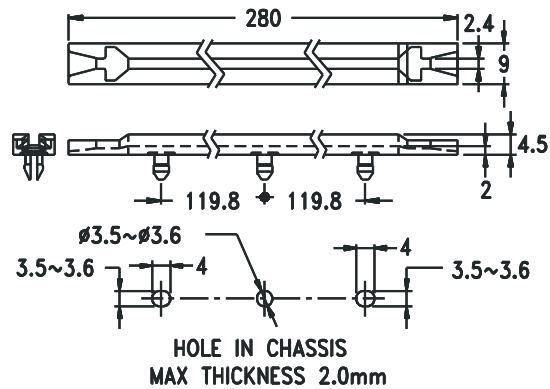
Part No.	Package
DH-10A	250



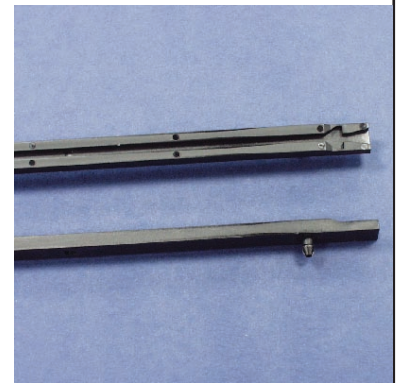
DH-10A

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Black
Std. Package:	250 pcs.

Card Guide



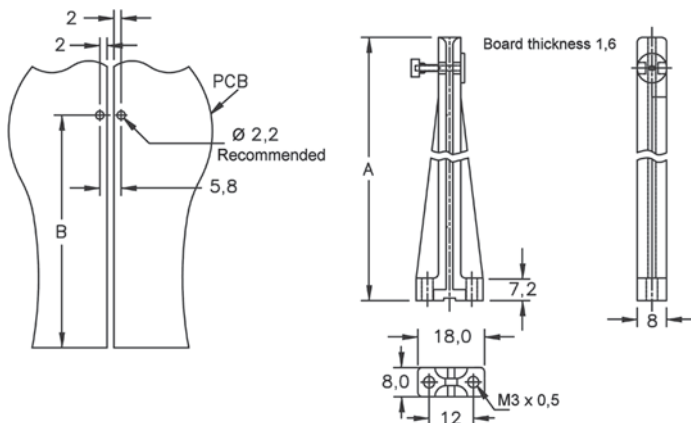
Part No.	Package
DH-280	100



DH-280

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural / Black
Std. Package:	100 pcs.

Card Guide



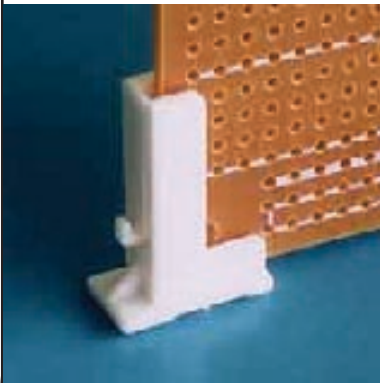
Part No.	A mm	B mm
GSVA-120M-BM	120,00	112,50



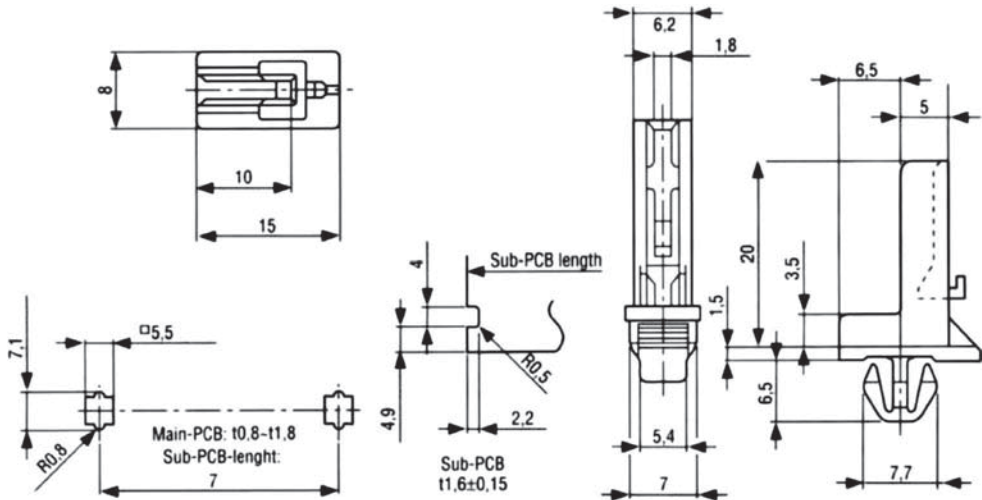
GSVA-120M-BM

Material:	Nylon 6 (UL)
Flame class:	94 V-2
Color:	Blue
Std. Package:	100 pcs.

Card Fixer



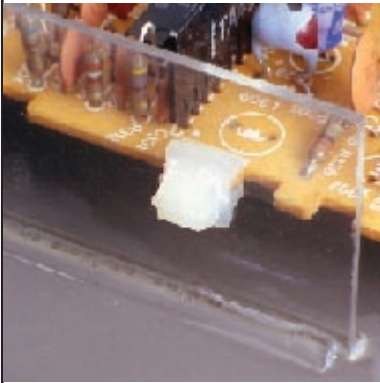
KGCH-20-0



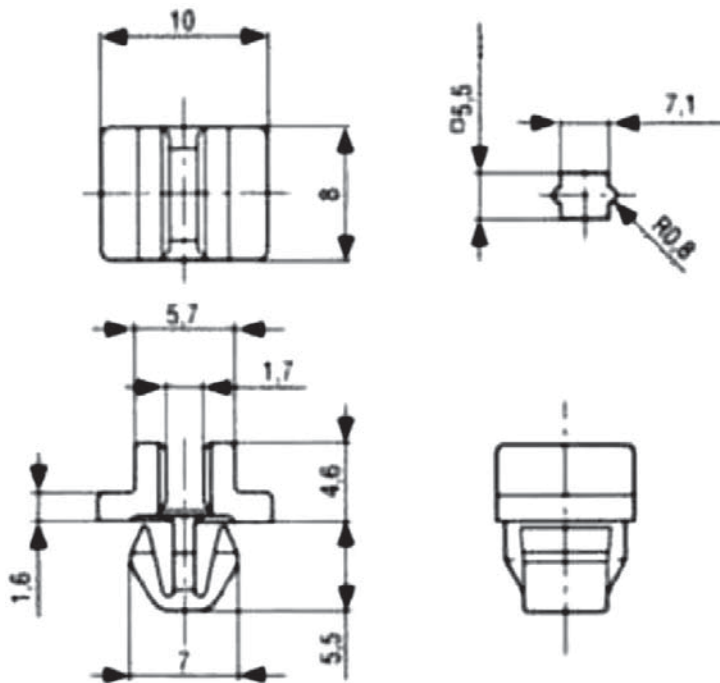
Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	1000 pcs.

Part No.	Package
KGCH-20-0	1000

Card Fixer



UEGR-08-0



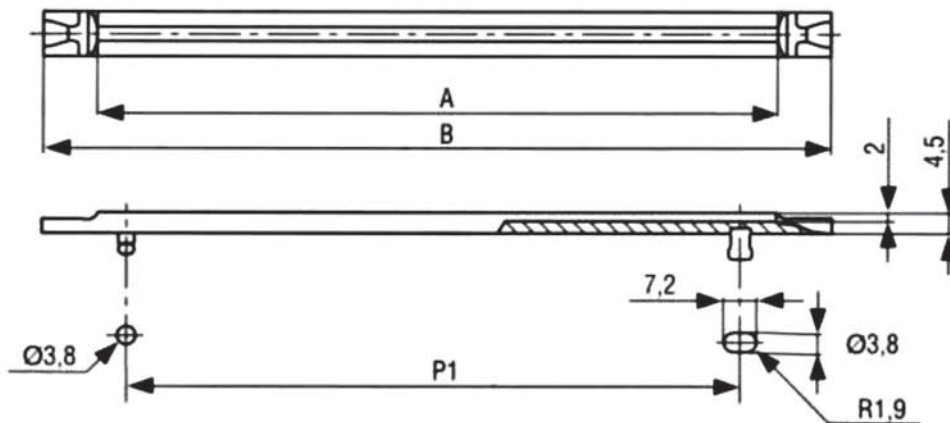
Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	1000 pcs.

Part No.	Package
UEGR-08-0	1000

RoHS compliant



Snap-In Card Guide

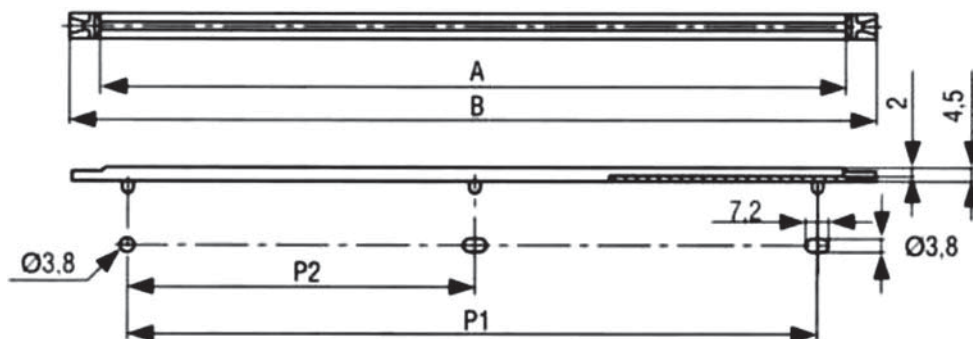


GR

Part No.	A mm	B mm	Hole interval P1 mm	Panel thickness mm
GR-80S	55	80	40±1	1.6±0.1
GR-120S	95	120	80±1	
GR-180S	155	180	140±1	

Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 pcs.

Snap-In Card Guide



GR-280S

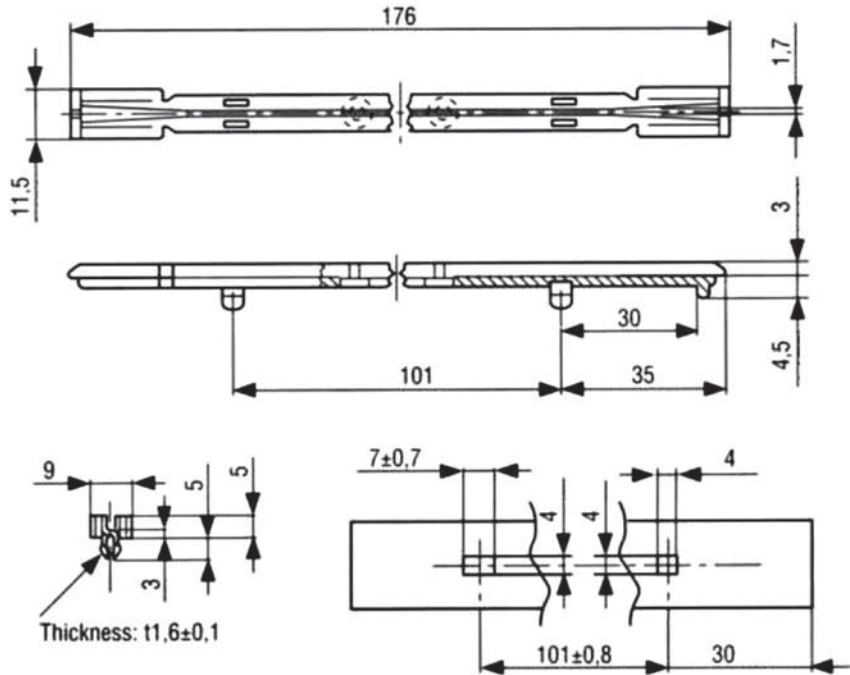
Part No.	A mm	B mm	Hole interval mm		Panel thickness mm
			P1	P2	
GR-280S	255	280	240±1	120±1	1.6±0.1

Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 pcs.

Guide Rail



GR-170SS



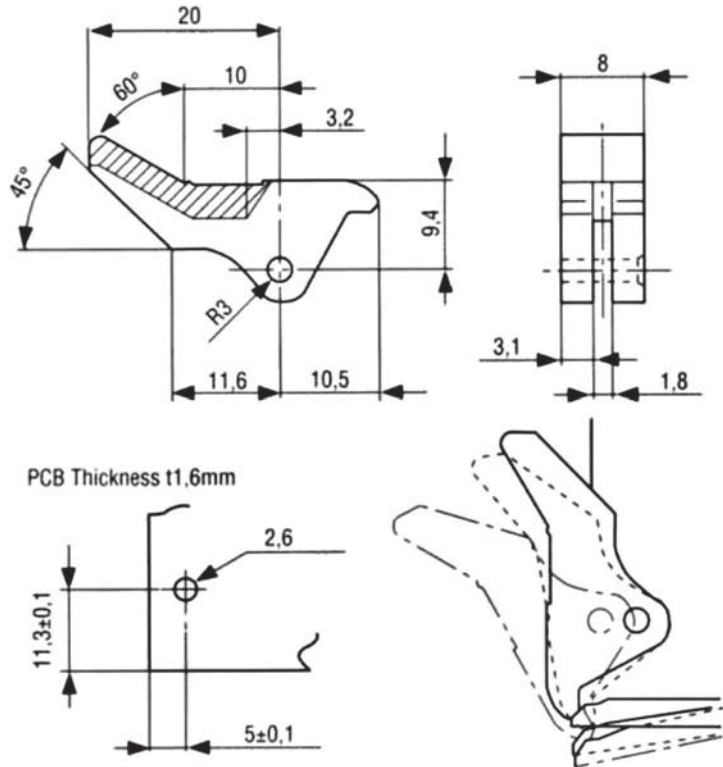
Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	200 pcs.

Part No.	Package
GR-170SS	200

Ejector



CBE-15

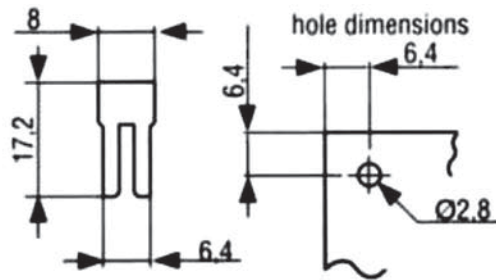
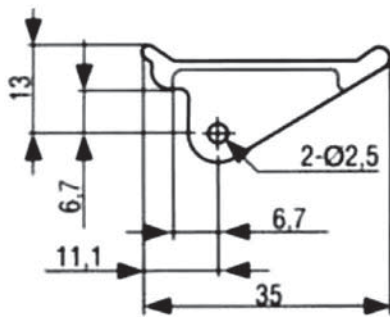


Material:	Nylon 66 UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	500 pcs.

Part No.	Package
CBE-15	500

RoHS compliant

Ejector



CBE-12

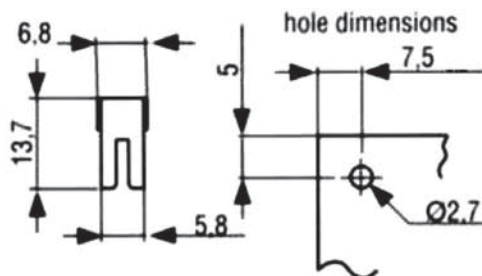
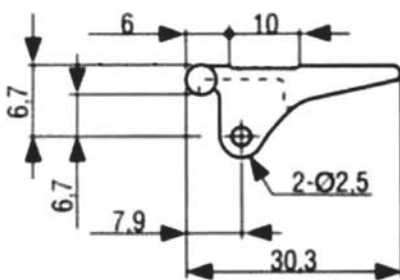
Part No.	Package
CBE-12	500

Material:	Nylon 6
Flame class:	UL 94 V-2
Color:	Natural
Std. Package:	500 pcs.



RoHS compliant

Ejector



CBE-14

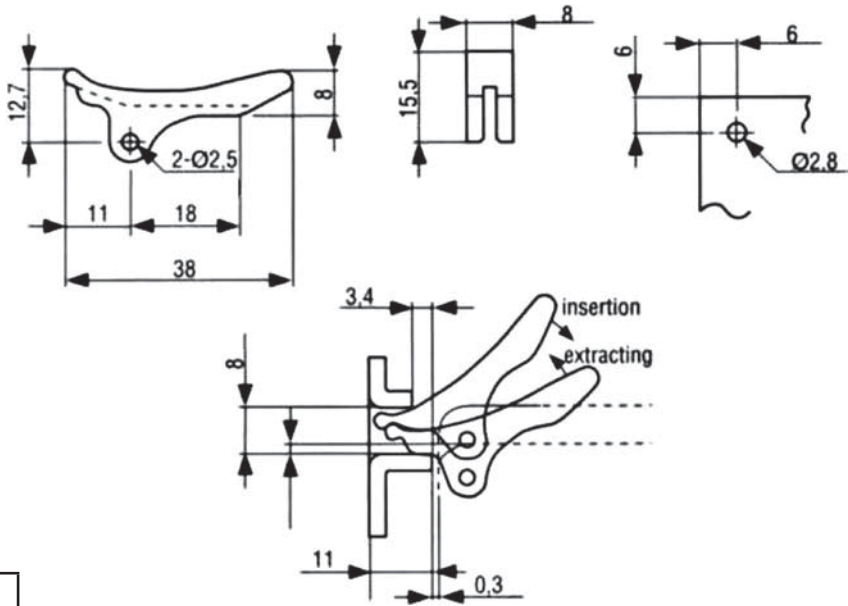
Part No.	Package
CBE-14	500

Material:	POM
Flame class:	UL 94HB
Color:	Natural
Std. Package:	500 pcs.

Ejector



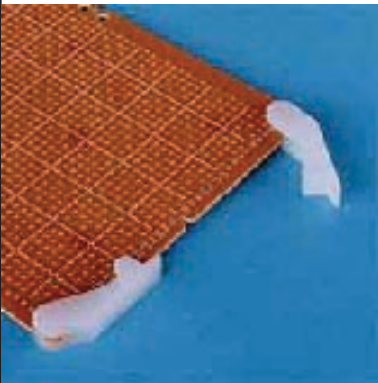
CBE-2P



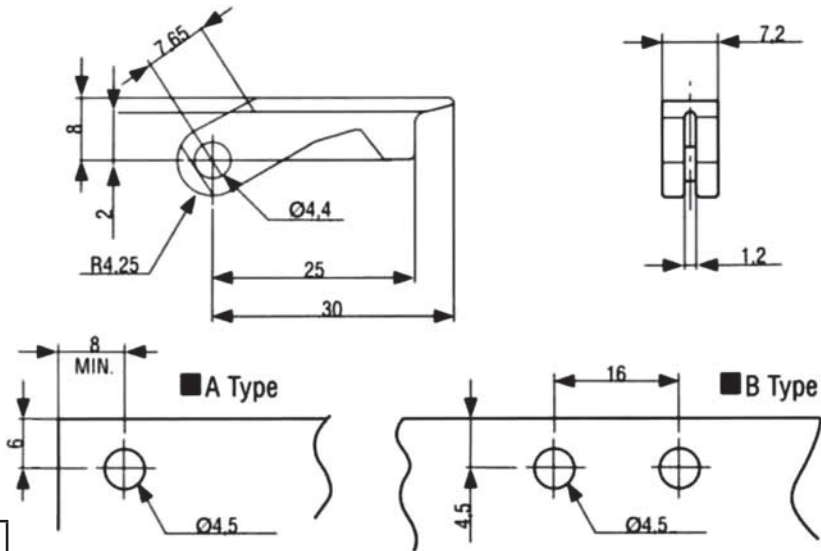
Material:	PET
Flame class:	UL 94 V-0
Color:	Natural
Std. Package:	500 pcs.

Part No.	Package
CBE-2P	500

Ejector



CBE-18



Material:	Nylon 66
Flame class:	UL 94 V-2
Color:	Natural
Std. Package:	500 pcs.

Part No.	Package
CBE-18	500

Chapter D

• Cable Ties & Accessories

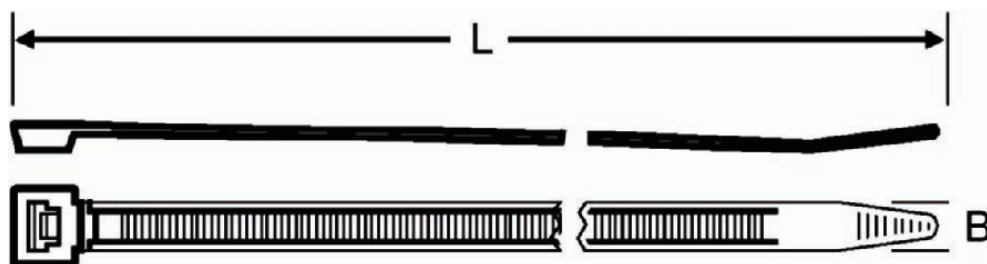


RoHS compliant

Cable Tie, classic



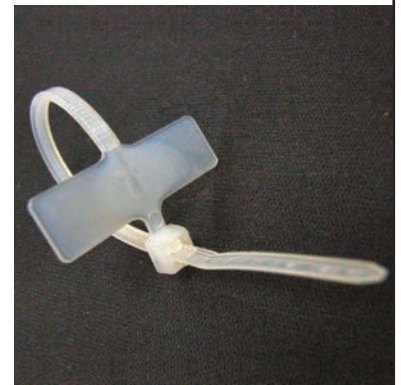
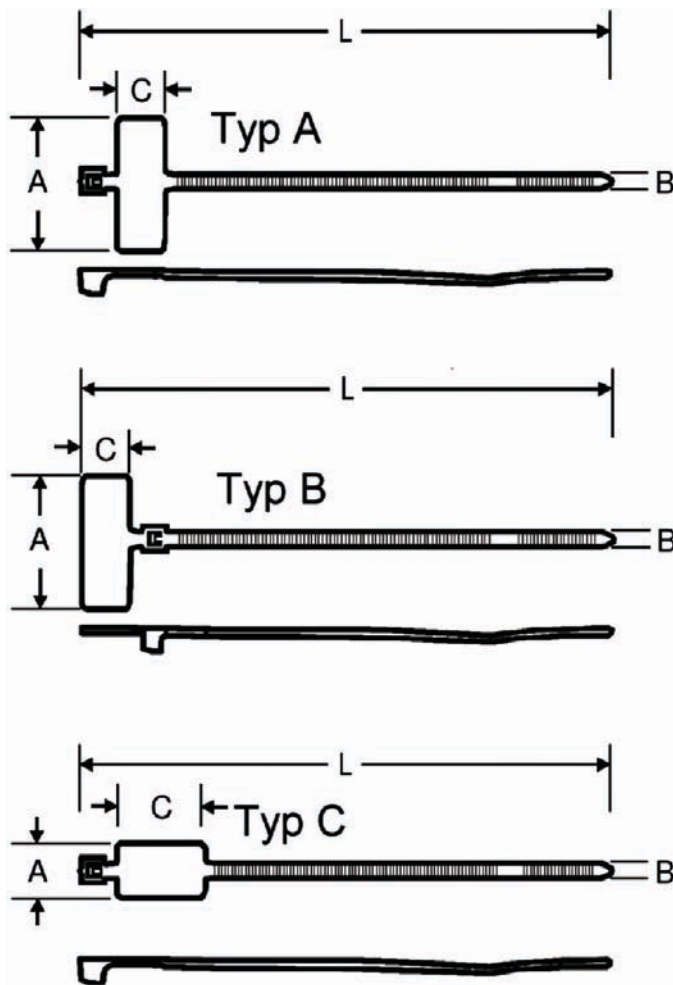
KI



Part No. Natural	Part No. Black	B mm	L mm	Tensile Strength kg	Package
KI-00850	KI-04277	2,2	75	6	1000
KI-04268	KI-04278	2,5	88	8	1000
KI-00851	KI-01601	2,5	98	8	1000
KI-01196	KI-02412	2,6	135	8	1000
KI-01197	KI-04279	2,6	160	8	1000
KI-00853	KI-01614	2,6	200	8	1000
KI-01198	KI-02457	3,6	140	13	1000
KI-01199	KI-02310	3,6	200	13	100
KI-02919	KI-02918	3,6	290	13	100
KI-03468	KI-03469	3,6	370	13	100
KI-04269	KI-04280	4,5	120	22	100
KI-01873	KI-02566	4,5	160	22	100
KI-01377	KI-00908	4,8	178	22	100
KI-02458	KI-02295	4,8	200	22	100
KI-04270	KI-04281	4,8	250	22	100
KI-01378	KI-03453	4,8	290	22	100
KI-01874	KI-01186	4,8	360	22	100
KI-02565	KI-04282	4,8	430	22	100
KI-04271	KI-04283	7,8	120	55	100
KI-04272	KI-04284	7,8	180	55	100
KI-02000	KI-02311	7,8	240	55	100
KI-04273	KI-04285	7,8	300	55	100
KI-02001	KI-04286	7,8	365	55	100
KI-04274	KI-04287	7,8	450	55	100
KI-04275	KI-01439	7,8	540	55	100
KI-02095	KI-02096	7,8	750	55	100
KI-04276	KI-04288	9,0	780	77	100
KI-06821	KI-09023	12,6	225	110	100
KI-06822	KI-09024	12,6	500	110	50
KI-06823	KI-07986	12,6	720	110	50
KI-06824	KI-09025	12,6	850	110	50
KI-06825	KI-09026	12,6	1000	110	50

Material: Nylon 66 (UL)
 Flame class: 94 V-2
 Color: Natural / black
 Std. Package: See Table

Marker Cable Tie



KI

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	See Table

Part No.	B mm	L mm	A mm	C mm	Typ	Tensile Strength kg	Package
KI-02816	2,5	100	25,4	8,0	A	8	500
KI-07695	2,5	110	20,4	9,0	B	8	500
KI-03183	2,5	114	25,4	7,9	A	8	1000
KI-03184	2,5	114	20,6	9,5	B	8	1000
KI-02817	2,5	200	25,4	8,0	A	8	100
KI-07696	2,5	210	20,4	9,1	B	8	100
KI-02815	4,8	200	13,0	28,0	C	22	100
KI-07697	4,8	270	13,0	28,0	C	22	100



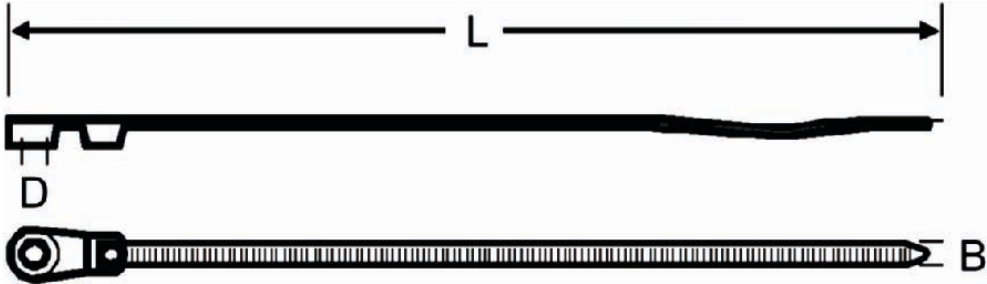
RoHS compliant

Cable Tie with Mounting Hole



KI

Material: Nylon 66 (UL)
Flame class: 94 V-2
Color: Natural
Std. Package: 100 / 1000 pcs.



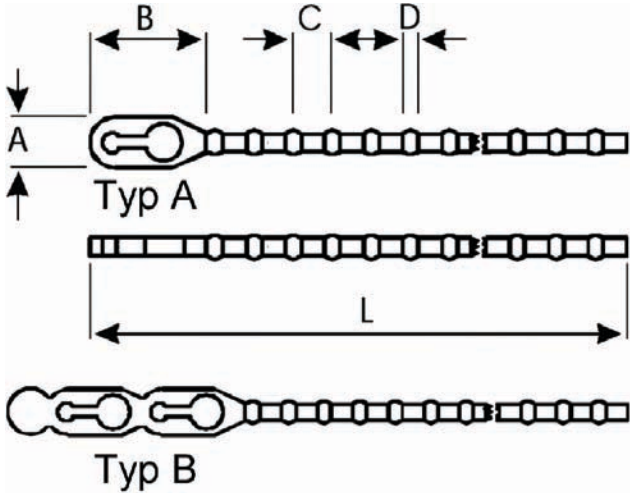
Part No.	B mm	L mm	ØD	Tensile Strength kg	Package
KI-03026	3,6	150	4,0	13	1000
KI-02972	4,8	200	4,5	20	100
KI-03028	7,8	200	6,5	55	100
KI-03029	7,8	300	6,5	55	100
KI-09407	7,8	380	6,5	55	100

Knot-Ties



KI

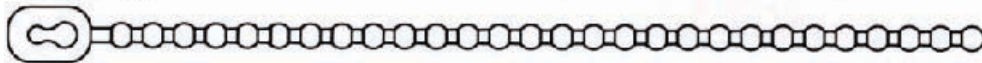
Material: Nylon 66 (UL)
Flame class: 94 V-2



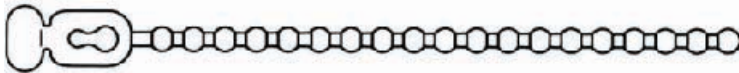
Part No. D x L	A mm	B mm	C mm	Typ	red	yellow	blue	black	natural	Package
KI-K 2,4x 63,5 „Color“	5,2	11,5	3,2	A	X	X	X			1000
KI-K 2,4x101,6 „Color“					X	X	X	X	X	
KI-K 2,4x127,0 „Color“					X	X	X		X	
KI-K 2,4x152,4 „Color“					X	X	X		X	
KI-K 3,2x222,3 „Color“	9,5	22,2	6,4		X	X	X		X	
KI-K 3,2x273,1 „Color“					X	X	X		X	
KI-K 3,2x323,9 „Color“					X	X	X		X	
Tensile Strength kg										
KI-K 3,5x120,0 „Color“	13			B	X				X	1000
KI-K 3,5x180,0 „Color“	15				X				X	
KI-K 3,9x240,0 „Color“	18				X				X	
KI-K 4,4x320,0 „Color“	23				X				X	100
KI-K 5,7x500,0 „Color“	25				X				X	500
KI-K 6,6x700,0 „Color“	37				X				X	250

Bead Band

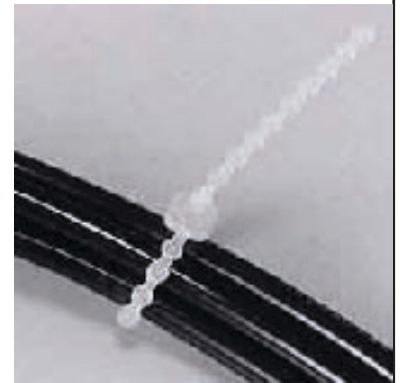
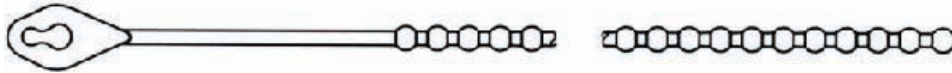
N-108, P-108



NS-80



P-255, N-255

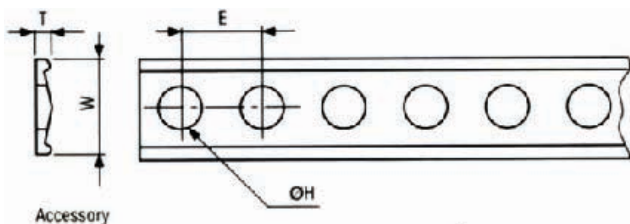


NS - N - P

Part No.	Length	Bundle Diameter	Color Remarks	Material	Package
NS-80	81	2 - 16	natural	nylon	1000
N-108	108	2 - 26	black		500
N-255	255	12 - 73	natural	polyethylene	
P-108	108	2 - 26		polypropylene	
P-255	255	17 -73			

Material:	See Table
Flame class:	94 V-2
Color:	Natural, Black
Std. Package:	500 / 1000 pcs.

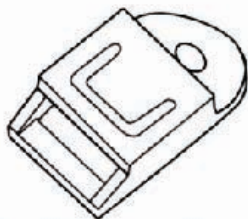
Perforated Nylon Band



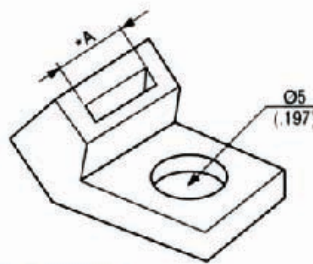
Accessory



■ STOPPER-B, Snap Button
for KB-07, KB-09, KB-13

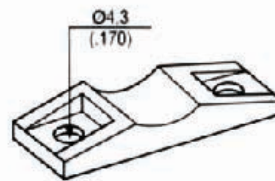


■ STOPPER-A, Buckle
for KB-09, KB-16



■ MOUNT-A
for KB-07, KB-09, KB-13

*A MOUNT-A-KB07 (A=8,5mm)
MOUNT-A-KB09 (A=9,8mm)
MOUNT-A-KB13 (A=16mm)



■ MOUNT-B
for KB-09

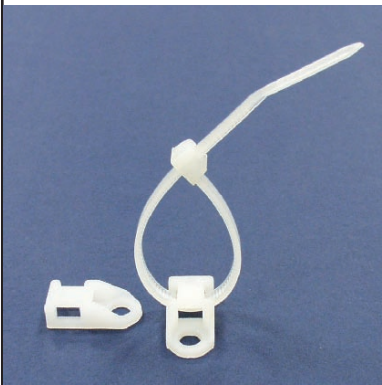


KB

Part No.	W mm	T mm	ØH mm	E mm	Stopper	Mount	Package Qty.
KB-07	7.0	1.0	3.2	6.0	B	A	2 m x 50 pcs.
KB-09	9.5	1.4	4.3	8.0	A, B	A, B	2 m x 50 pcs.
KB-13	13.0	1.5	5.0	10.0	B	A	5 m x 5 pcs.
KB-16	16.0	1.7	6.5	12.0	A	-	5 m x 10 pcs.

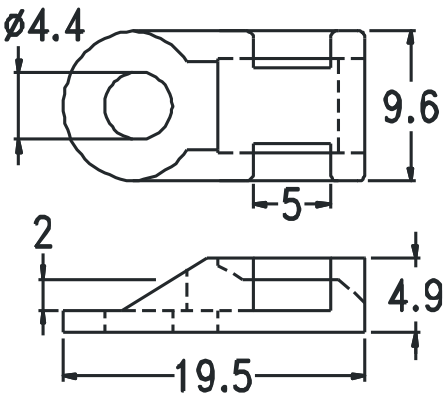
Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Black
Std. Package:	See Table

Cable Tie Mount



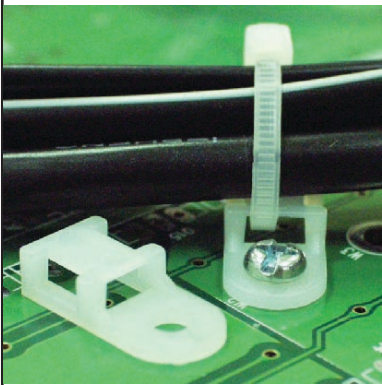
UI 1

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1000 pcs.



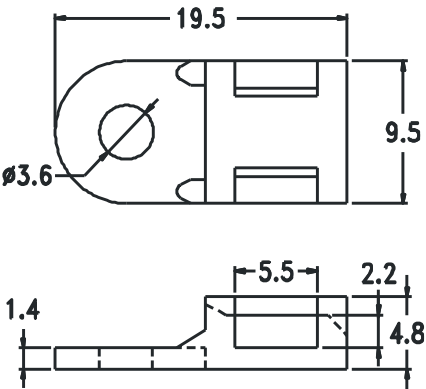
Part No.	Package
UI 1	1000

Cable Tie Mount



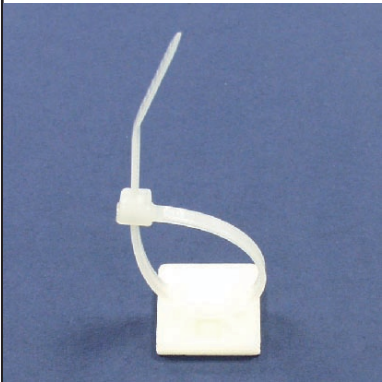
UI 3

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1000 pcs.



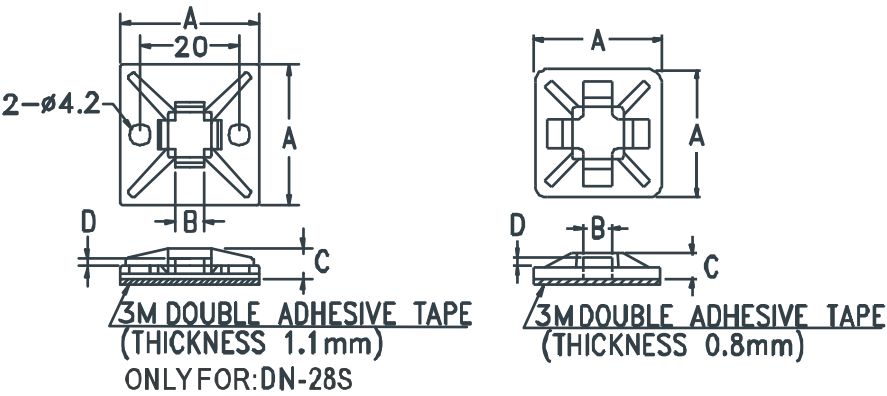
Part No.	Package
UI 3	1000

Cable Tie Mount



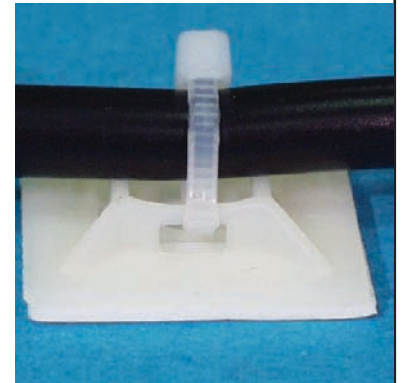
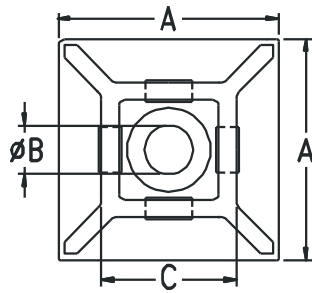
DN

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	250 / 500 /1000 pcs.



Part No.	A mm	B mm	C mm	D mm	Package
DN-13	13.0	3.2	3.2	1.3	1000
DN-19	19.1	4.0	4.0	1.6	500
DN-20	20.0	4.8	4.2		
DN-28S	28.0	5.6	5.2		

Cable Tie Mount

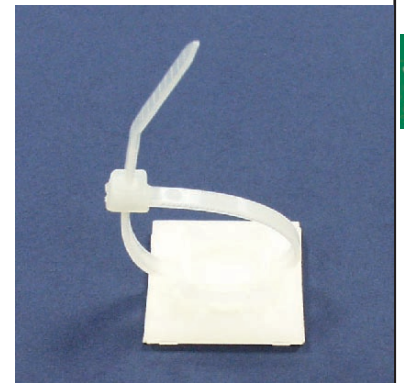
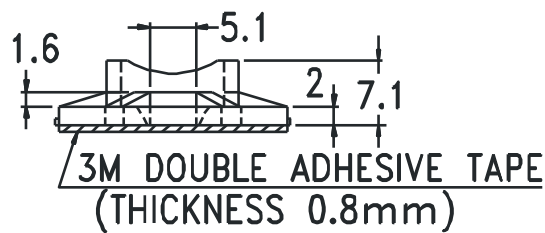
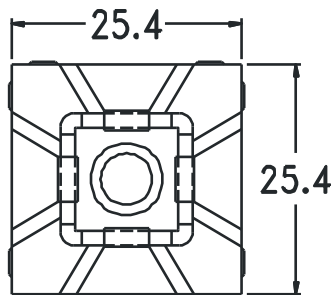


DN

Part No.	A mm	B mm	C mm	D mm	E mm	F mm	Package
DN-19S	19.0	4.0	11.6	4.0	1.9	5.0	500
DN-28	27.8	5.6	13.2	5.6	2.0	5.5	250

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	250 / 500 pcs.

Cable Tie Mount

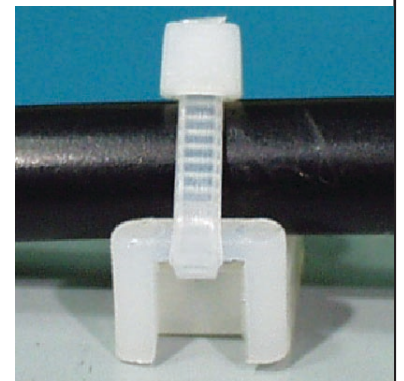
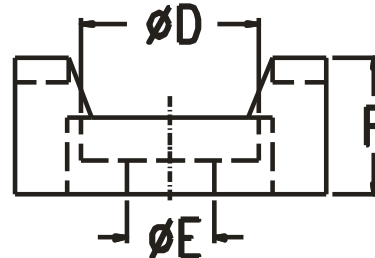
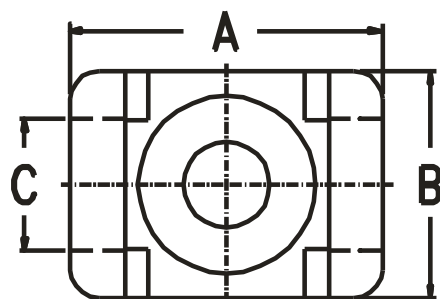


DN-25

Part No.	Package
DN-25	500

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	500 pcs.

Cable Tie Mount

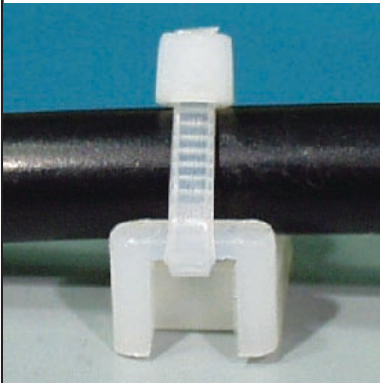


UN

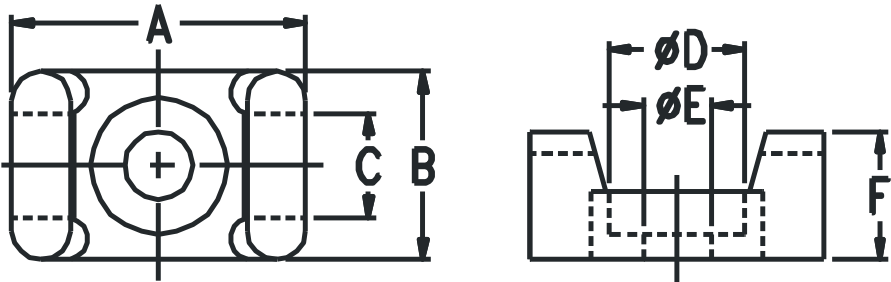
Part No.	A mm	B mm	C mm	D mm	E mm	F mm	Package
UN-2S6	14.9	9.5	5.5	7.0	3.7	7.2	1000
UN-2S8			5.6	7.8	4.5		
UN-3S8	22.0	16.0	9.2	8.0	4.5	9.6	500
UN-3S10				9.6	4.8		
UN-3S25				12.7	6.4		

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	500 / 1000 pcs.

Cable Tie Mount



UI



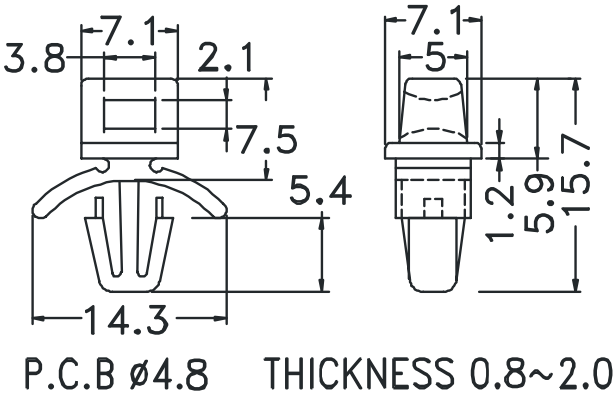
Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1000 pcs.

Part No.	A mm	B mm	C mm	D mm	E mm	F mm
UI-2	15.2	9.7	5.2	6.9	3.5	6.6
UI-2S	13.3	8.2	3.6	5.9	3.2	5.85

Cable Tie Mount



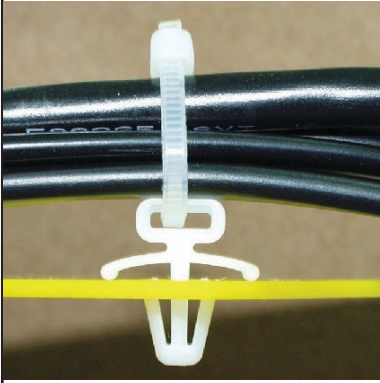
DDNF-1



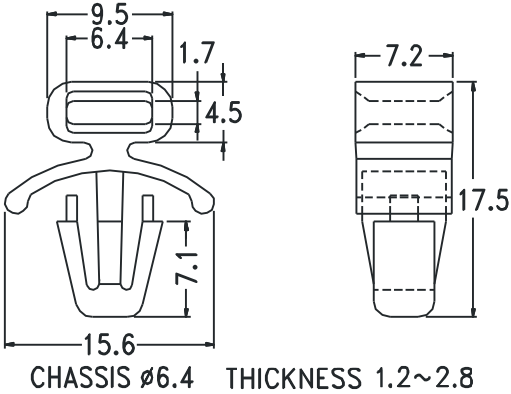
Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1000 pcs.

Part No.	Package
DDNF-1	1000

Cable Tie Mount



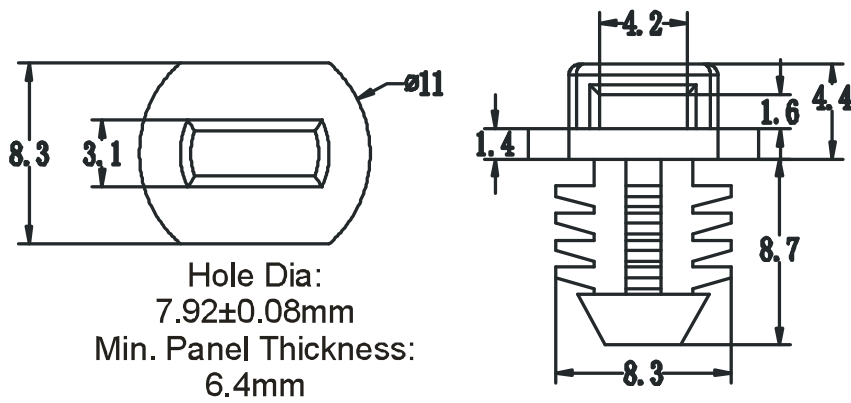
DDNX-1



Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1000 pcs.

Part No.	Package
DDNX-1	1000

Cable Tie Mount



Part No.	Package
DUN-15	1000

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1000 pcs.

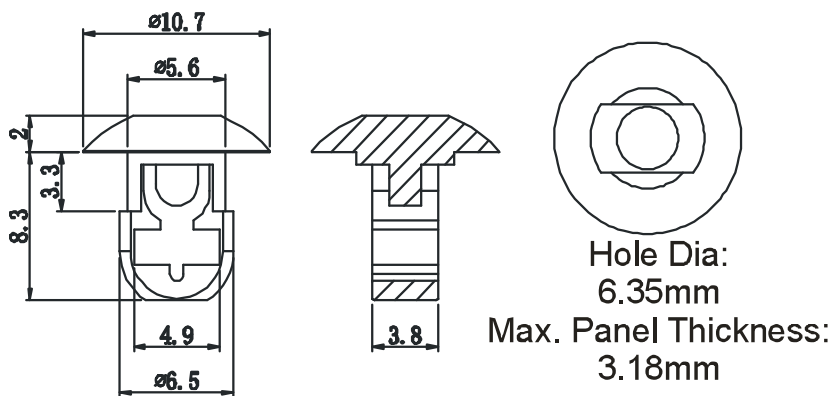


DUN-15



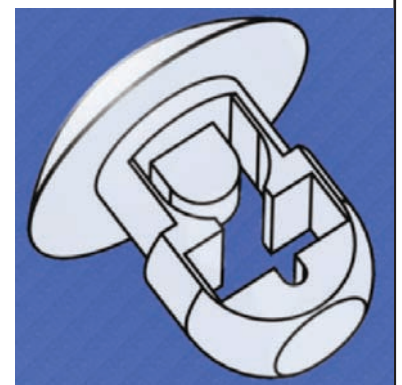
RoHS compliant

Cable Tie Mount

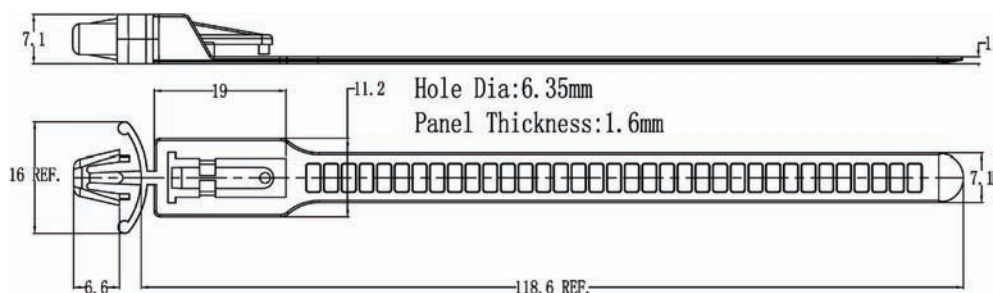


Part No.	Package
DUN-9	1000

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1000 pcs.



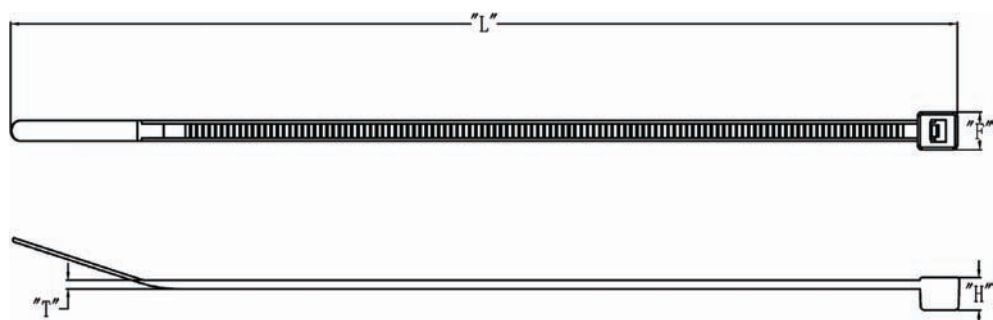
DUN-9



UPB-118

Part No.	Max. Bundle Dia.
UPB-118	Ø12 ~ Ø30

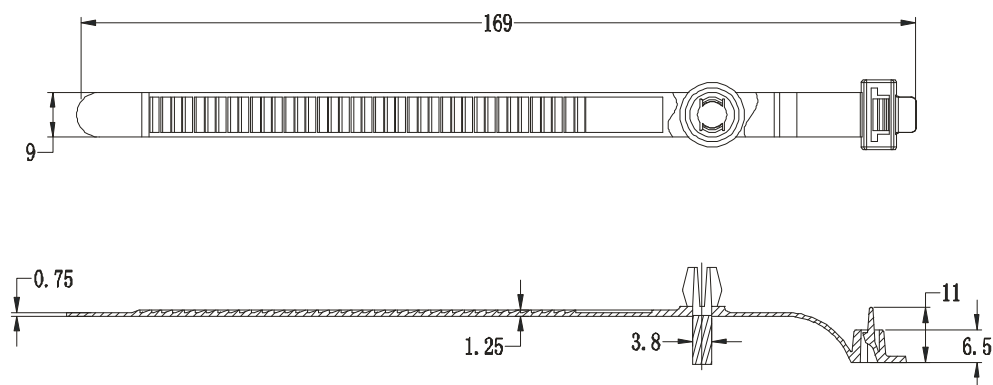
Reversed Cable Tie



SDU

SDU		Part No.	Material	L mm	W mm	F mm	T mm	H mm
Material:	See Table	SDU-100	Nylon 6/6 UL94 V2	100.98	2.5	4.5	0.85	3.8
Flame class:	94 V-2	SDU-115	Nylon 6 UL94 VO (black)	114.5	2.5	4.55	1.05	3.9
Color:	Natural (black)	SDU-200	Nylon 6/6 UL94 V2	203.17	3.5	5.75	1.2	5.7
Std. Package:	1000 pcs.	SDU-202		202.22	2.5	4.46	1.1	3.8

Cable Tie

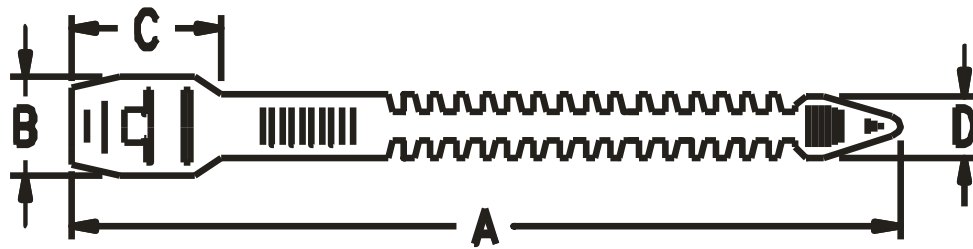


TSSDU

Hole diameter: $\varnothing 7.0 \pm 0.08$ mm
Panel thickness: 2.0 ~ 3.0 mm

Part No.	Max. Bundle Dia.
TSSDU-01	Ø40

Strap Ties

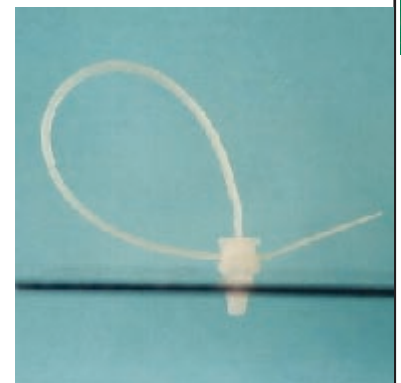
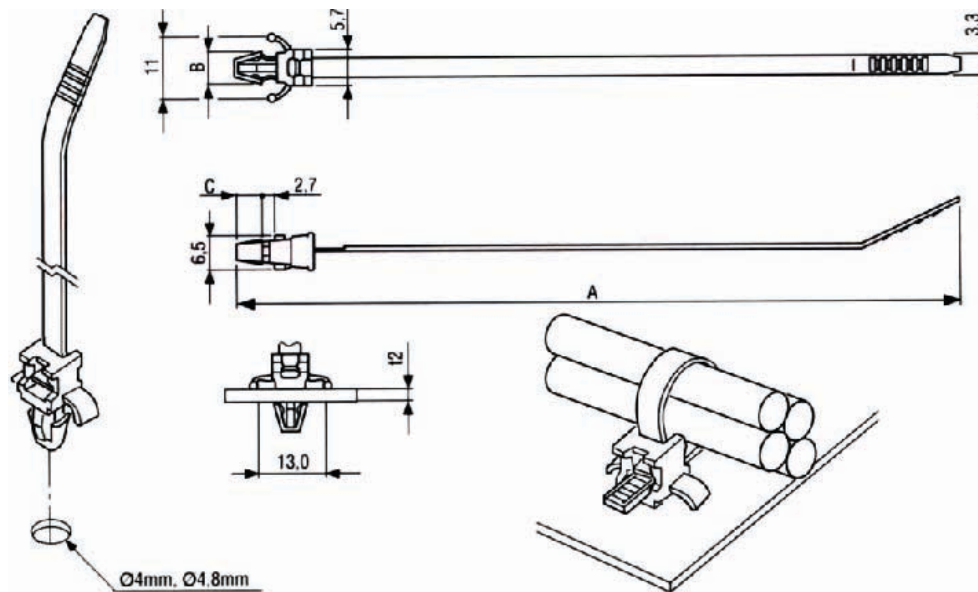


TU

Part No.	A mm	B mm	C mm	D mm
TU-2	135.0	15.8	21.4	10.0
TU-3	140.0	15.4	24.5	

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	500 pcs.

Snap Band



SG

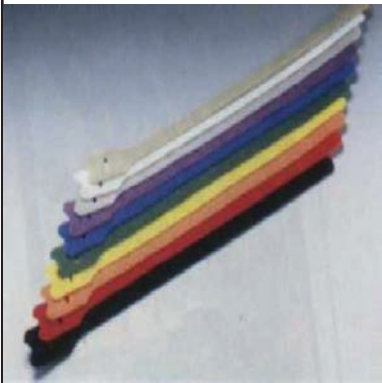
Part No.	Part No.	A mm	B mm	C mm	Hole Diameter	Panel Thickness	Bundle Diameter
SG-110	SG-110V0	110±1	6.2	3.5	Ø4.8	0.5 - 2.0	Ø1 - Ø20
SG-130	SG-130V0	130±1	5.4	4.5	Ø4.0		Ø1 - Ø24

Material:	Nylon 66 (UL)
Flame class:	94 V-2 or V0
Color:	Natural
Std. Package:	500 pcs.



RoHS compliant

Hook and Loop



KI



Part No.	B mm	L mm	Package
KI-09357	10	150	1200
KI-09358	12	210	700
KI-08940	13	200	750
KI-08941	20	150	1000
KI-08942	20	200	750
KI-08943	20	230	650
KI-08944	20	330	450
KI-08946	20	450	400
KI-08945	25	300	500
KI-08947	45	600	230

Material:	Ultra Mate 888 HTH Hook 22
Flame class:	94 V-2
Color:	Multi
Std. Package:	See Table

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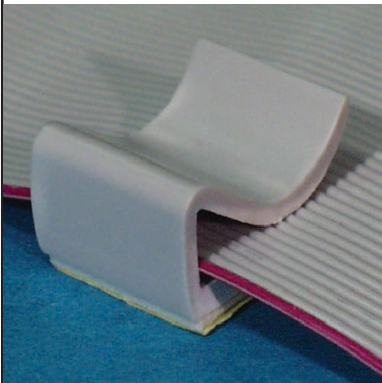


• Cable Mounting & Routing



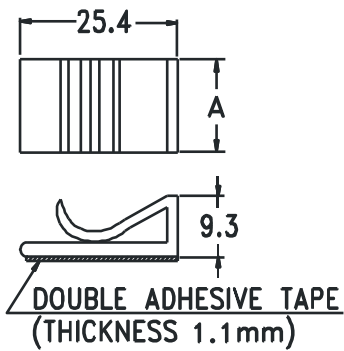
RoHS compliant

Flat Cable Mount



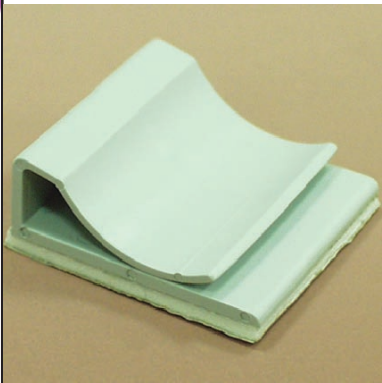
GDD

Material:	PVC
Flame class:	94 V-2
Color:	Grey
Std. Package:	250 / 500 pcs.



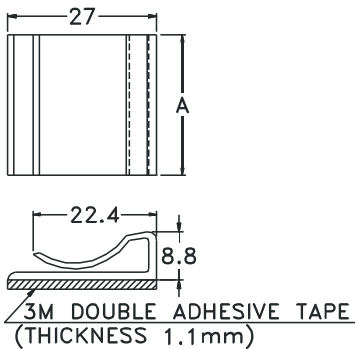
Part No.	A mm	Package
GDD-15	15.0	500
GDD-20	20.0	
GDD-25	25.0	250

Flat Cable Mount



GDO

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	500 pcs.

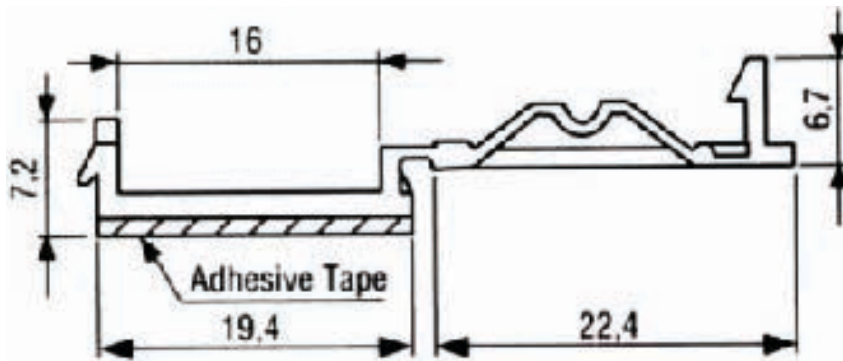


Part No.	A mm
GDO-15	15.0
GDO-20	20.0
GDO-25	25.4



RoHS compliant

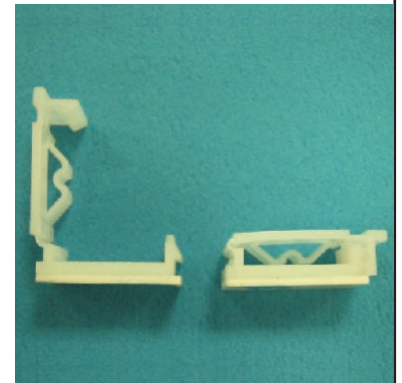
Mini Flat Cable Clamp



- Application cable: width, max: 16(.630)
thickness, max: 2.7(.106)
- Height when fixed: 9(.354)
- Width: 10(.394)

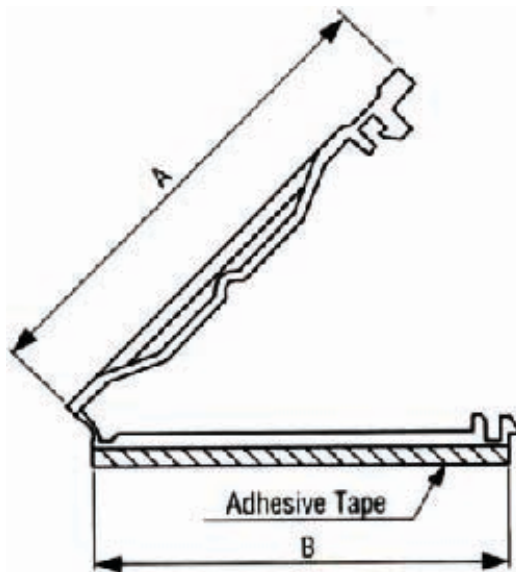
Part No.	Package
LFC-16N-0	1000

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1000 pcs.



LFC-16N-0

Mini Flat Cable Clamp



Part No.	A mm	B mm	C mm	Applicable cable		Height when fixed
				width	thickness	
LFC-20W	30.4	25.6	10.0	21	1.2	7.2
LFC-27W	37.4	32.6	14.0	28		
LFC-30N-O	40.0	35.0		30	1.0	7.0

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	500 pcs.



LFC



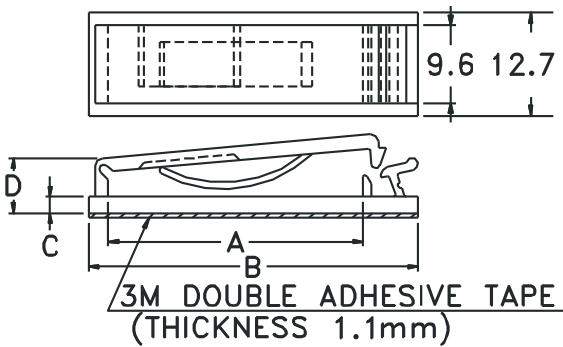
RoHS compliant

Flat Cable Clamp



GDF

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 / 200 pcs.



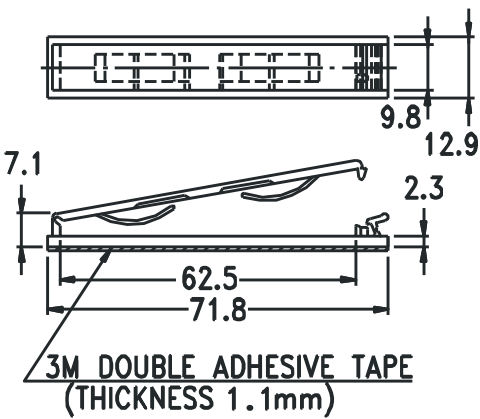
Part No.	A mm	B mm	C mm	D mm	Package
GDF-1	31.5	40.7	2.0	6.8	200
GDF-2	52.0	61.2	2.1	6.9	100

Flat Cable Clamp



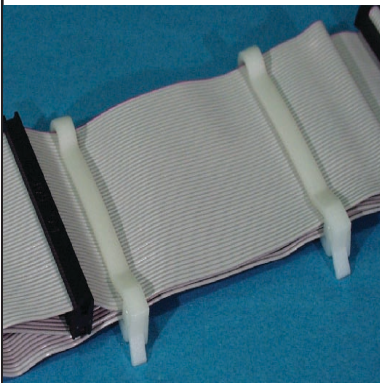
GDF-3

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 pcs.



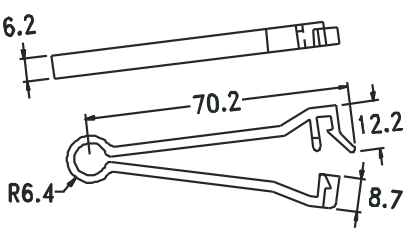
Part No.	Package
GDF-3	100

Flat Cable Clamp



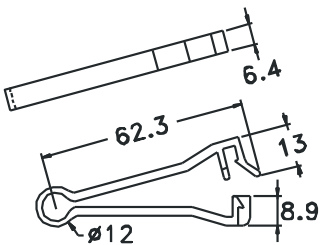
GDF

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 pcs.



SUITABLE CABLE: 40 PIN

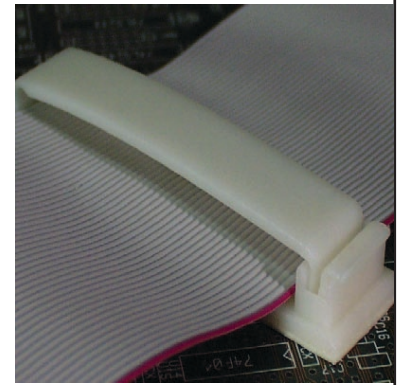
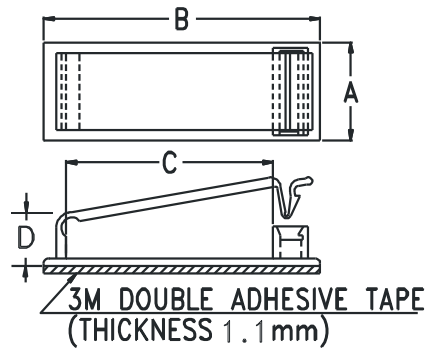
Part No.	Package
GDF-40	100



SUITABLE CABLE: 30 PIN

Part No.	Package
GDF-30	100

Flat Cable Clamp

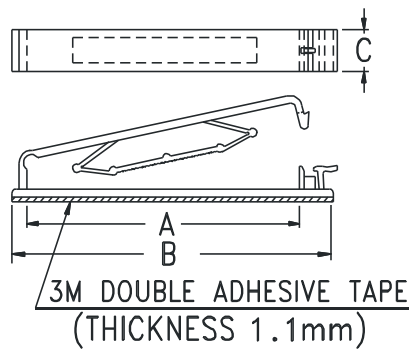


GDB

Part No.	A mm	B mm	C mm	D mm	Package
GDB-1	19.7	77.6	64.0	12.8	50
GDB-2	19.0	53.5	40.0	11.2	100
GDB-3		45.8	32.0		200
GDB-5	19.8	45.4	31.8	18.0	

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	50 / 100 / 200 pcs.

Flat Cable Clamp



GDC

Part No.	A mm	B mm	C mm	Suitable cable	Package
GDC-40	53.8	65.0	10.2	40 PIN	200
GDC-50	64.5	77.0	10.0	50 PIN	100

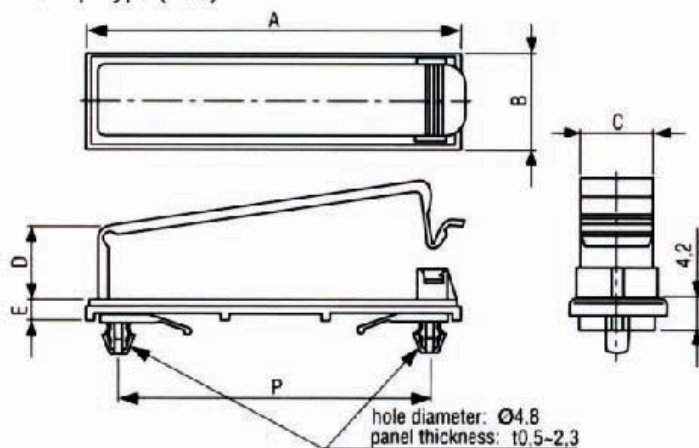
Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 / 200 pcs.



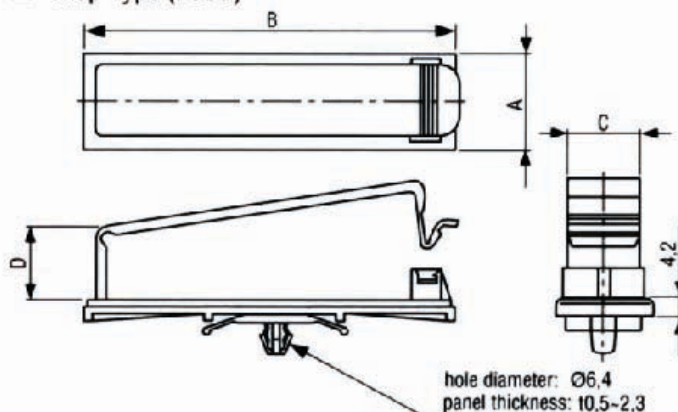
RoHS compliant

Flat Cable Clamp

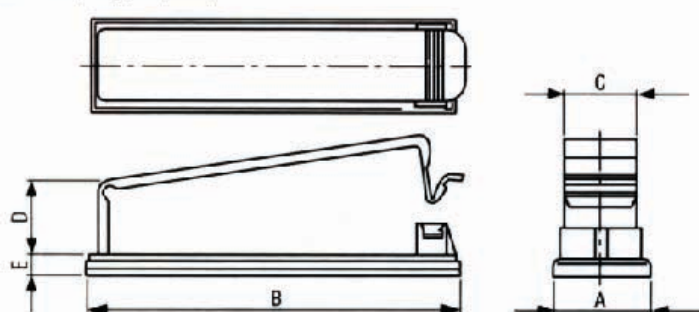
■ Snap Type (FCS)



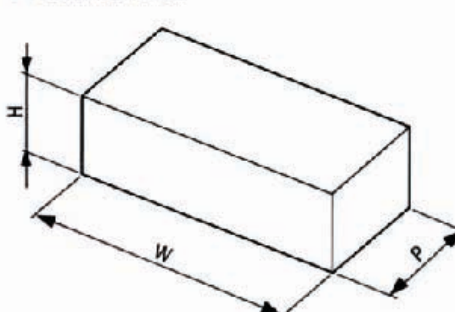
■ Snap Type (FCSS)



■ Snap Type (FCN)



■ Cushion Pad



Snap-type (FCS)

Part No.	Cable width	Cable thickness	A mm	B mm	C mm	D mm	E mm	P mm	
FCS-3010	31.0	6.5	20.0	45.5	15.0	9.0	4.0	33.0	
FCS-3015		13.0				15.4			
FCS-6010	63.0	6.5		77.0		9.0		64.5	
FCS-6015		13.0				15.4			

Adhesive-type (FCN)

Part No.	Cable width	Cable thickness	A mm	B mm	C mm	D mm	E mm
FCN-3010	31.0	6.5	20.0	45.5	15.0	9.0	3.8
FCN 3015		13.0				15.4	
FCN-6010	63.0	6.5		77.0		9.0	
FCN-6015		13.0				15.4	
FCN-6020		19.0				21.1	

Snap-type (FCSS)

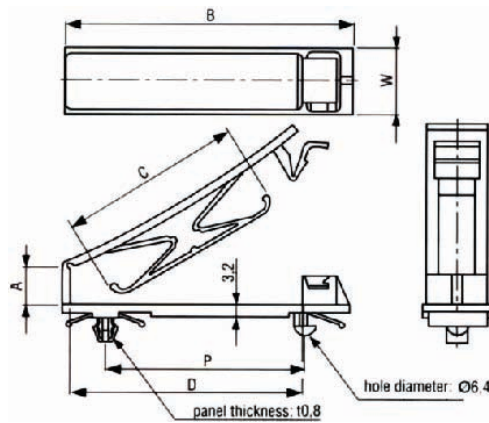
Part No.	Cable width	Cable thickness	A mm	B mm	C mm	D mm
FCSS-6010	63.0	6.5	20.0	77.0	15.0	8.9
FCSS-6015		13.0				15.3

Cushion Pad

Part No.	H mm	W mm	D mm	Fits FCS/FCN
S-630	6	30	13	FCS. FCN-3010
S-1330	13			FCS. FCN-3015
S-660	6	60		FCS. FCN-6010
S-1360	13			FCS, FCN-6015
S-2060	20			FCN-6020

Material: Nylon 66 (UL)
 Flame class: 94 V-2
 Color: Natural
 Std. Package: 100 pcs.

Flat Cable Clamp

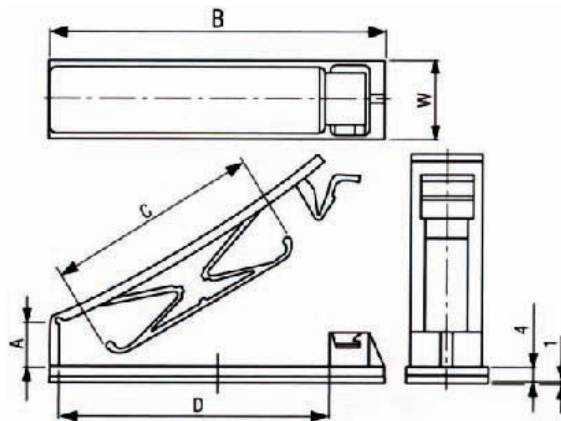


FCS

Part No.	Cable width	Cable thickness	A mm	B mm	C mm	D mm	P mm	W mm
FCS-25P	32.0	2.6	10	47	23	32	21	19
FCS-50P	63.5	7.0	14		50	64	52	

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 pcs.

Flat Cable Clamp



FCN

Part No.	Cable width	Cable thickness	A mm	B mm	C mm	D mm	W mm
FCN-25P	32.0	2.6	12	47	23	32	19
FCN-50P	63.5	7.0	16	79	50	64	
FCN-60M	77.0	16.0	26	90	76	78.5	

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 pcs.

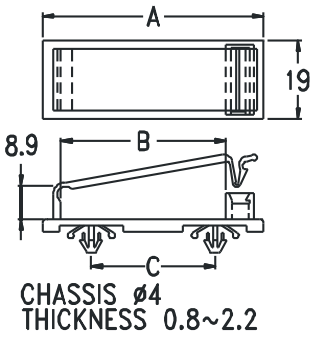


RoHS compliant

Flat Cable Clamp



GDU



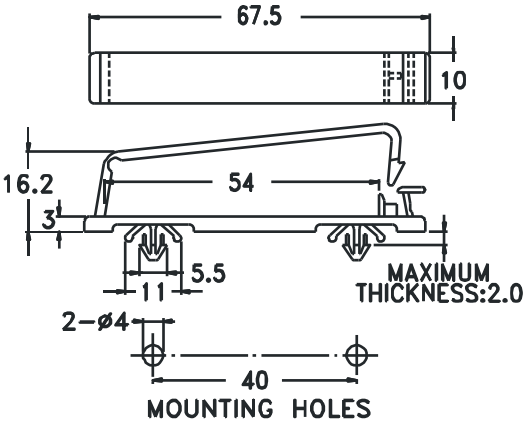
Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	50 pcs.

Part No.	A mm	B mm	C mm
GDU-2	53.5	40.0	30.0
GDU-3	45.5	32.0	25.0

Flat Cable Clamp



GDU-4



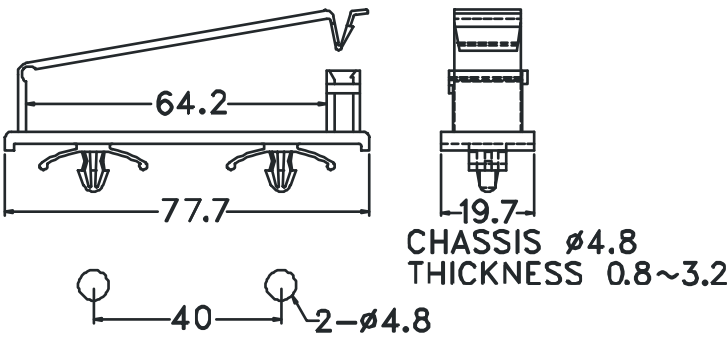
Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 pcs.

Part No.	Package
GDU-4	100

Flat Cable Clamp



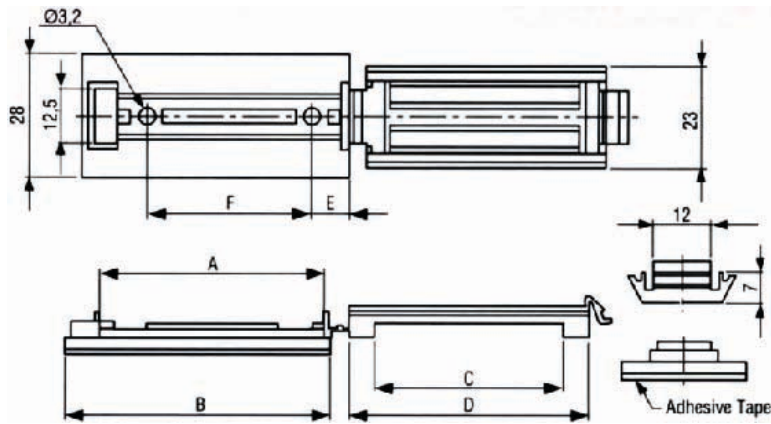
GDU-5



Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	50 pcs.

Part No.	Package
GDU-5	50

Flat Cable Clamp



FCW

Part No.	A mm	B mm	C mm	D mm	E mm	F mm
FCW-26	26	35.5	18	29.5	14.5	-
FCW-52	52	61.5	44	55.5	8.45	38.1

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Grey
Std. Package:	100 pcs.



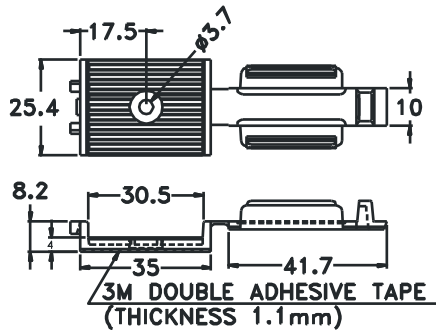
RoHS compliant

Flat Cable Clamp



GDI-30

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Grey
Std. Package:	100 pcs.

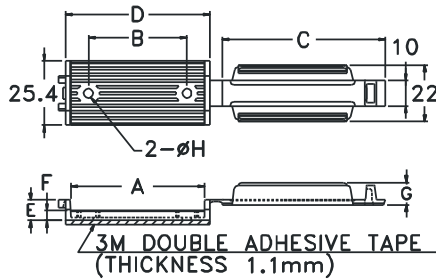


Part No.	Package
GDI-30	100

Flat Cable Clamp



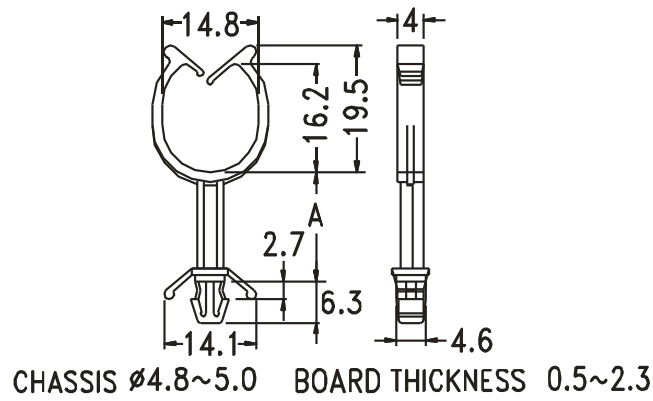
GDI



Part No.	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm
GDI-50	53.0	39.0	64.6	57.3	8.3	4.1	8.8	3.7
GDI-80	78.93	38.7	90.6	82.3	12.3	6.3	7.6	3.8

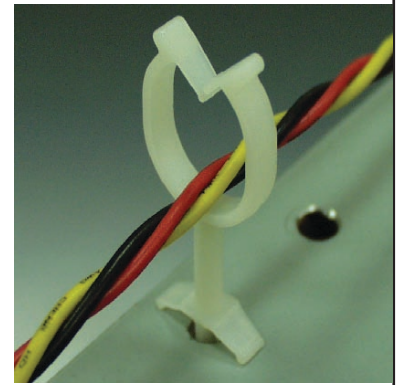
Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Grey
Std. Package:	50 pcs.

Cable Routing



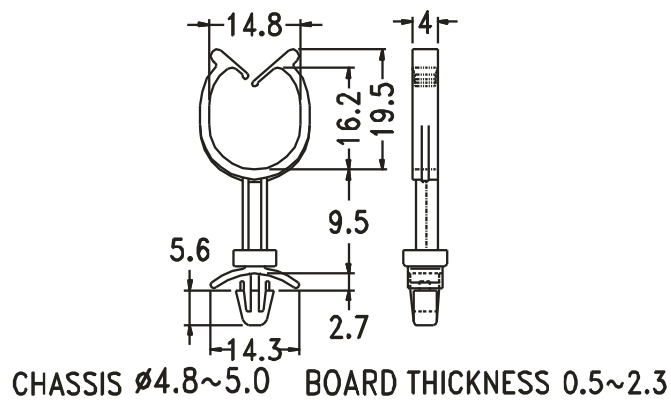
Part No.	A mm
UIF-12	12.7
UIF-17	16.8
UIF-25	25.0
UIF-37	36.8

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	500 pcs.



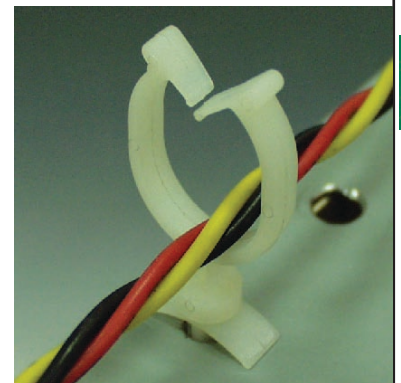
UIF

Cable Routing



Part No.	Package
UIF-9	500

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	500 pcs.

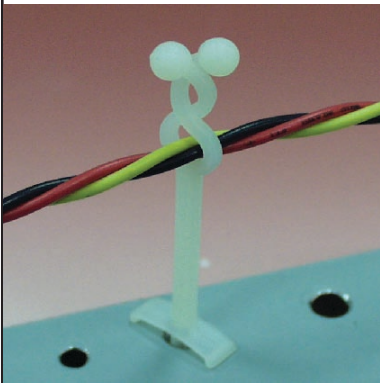


UIF-9

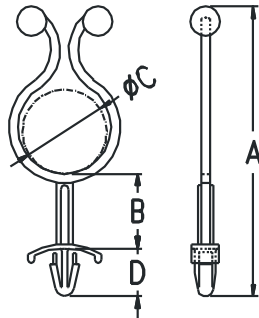


RoHS compliant

Cable Routing



UIB

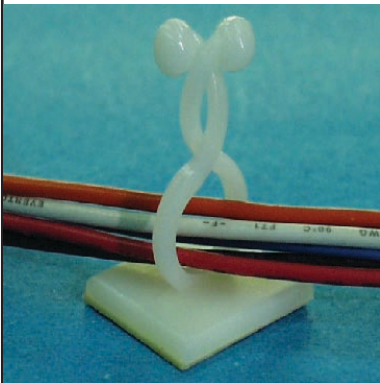


CHASSIS $\varnothing 4.8\sim 5.0$ THICKNESS 1.0~3.2

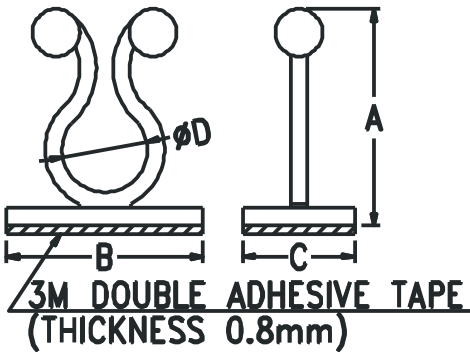
Part No.	A mm	B mm	C mm	D mm	Closec	Package
UIB-1	33.8	3.1	7.1	10.6	6.1	1000
UIB-2	51.0	20.0				500
UIB-3	66.0	35.3				
UIB-4	39.6	2.8	10.8		9.8	1000
UIB-5	56.8	20.0				500
UIB-6	71.5	35.2				
UIB-7	42.0	3.0	15.0		13.8	1000
UIB-8	59.3	20.4				500
UIB-9	74.7	35.8				
UIB-10	63.5	16.2	20.0		18.4	
UIB-11	56.8	3.0	24.3	9.8	22.3	
UIB-12	53.1	15.3	11.0	10.8	9.7	
UIB-14	55.3	5.0	20.3	10.6	18.7	
UIB-15	43.8	10.5	8.0		6.8	
UIB-16	34.7	5.6	8.8	10.0	7.0	

Material: Nylon 66 (UL)
Flame class: 94 V-2
Color: Natural
Std. Package: 500 / 1000 pcs.

Cable Routing



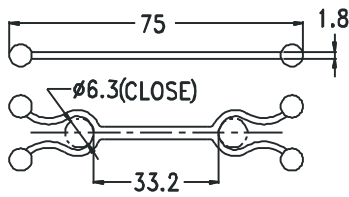
LM



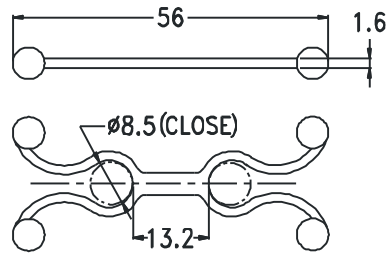
Part No.	A mm	B mm	C mm	D mm	Closed	Package
LM-1	31.9	20.0	20.0	15.0	13.8	250
LM-2	26.2		14.0	9.2	8.5	500
LM-2L	27.9	25.0	13.0	9.4	8.2	
LM-3	28.2	21.0	19.0	11.1	10.0	
LM-5	56.2	38.0	20.0	36.0	34.0	100
LM-6	27.6	10.0	19.8	6.6	5.8	
LM-7	21.9	20.0	13.0	8.5	7.2	500
LM-16	37.0	25.0	13.0	18.0	17.0	250
LM-19	39.0			21.0	20.0	
LM-22	41.0			24.0	23.0	

Material: Nylon 66 (UL)
Flame class: 94 V-2
Color: Natural
Std. Package: 100 / 250 / 500 pcs.

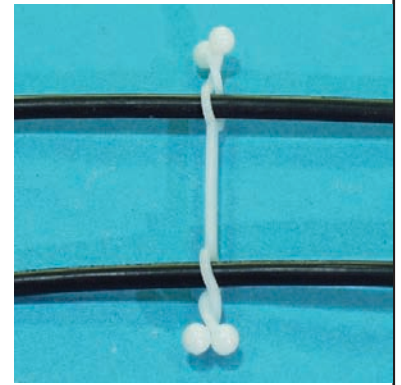
Cable Routing



Part No.	Package
Z 2L-7	500



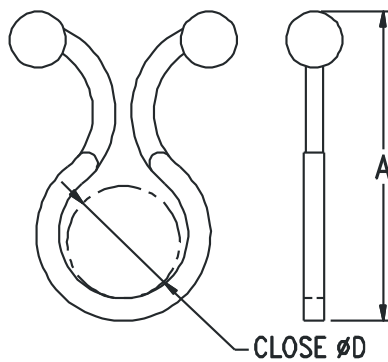
Part No.	Package
Z 2L-8	500



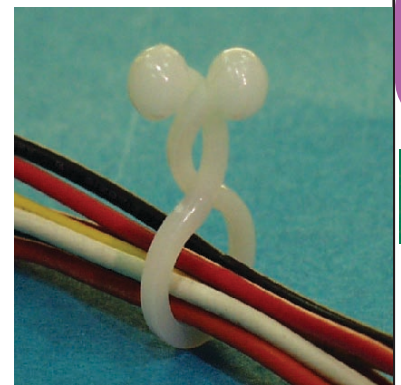
Z 2L

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	500 pcs.

Cable Routing



Part No.	A mm	D mm	Closed	Package
UM-1	17.8	5.1	4.0	1000
UM-2	23.8	8.3	7.3	
UM-3A	27.5	11.5	10.0	
UM-4	30.4	15.4	13.8	
UM-5	35.0	18.8	17.2	500
UM-6	41.4	25.8	24.2	
UM-7	42.0	22.0	19.5	
UM-8	16.5	5.6	5.0	
UM-13	32.5	13.2	11.5	
UM-28	55.5	29.0	26.8	



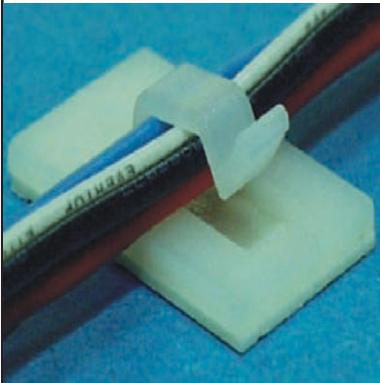
UM

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	500 / 1000 pcs.



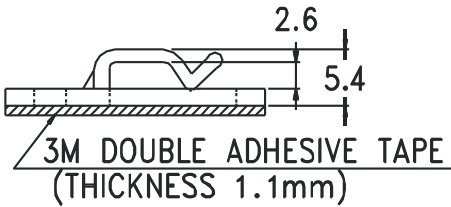
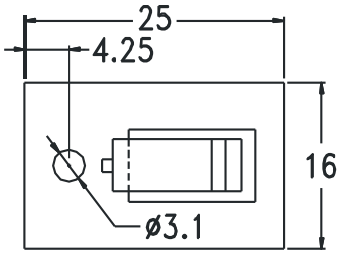
RoHS compliant

Cable Clamp



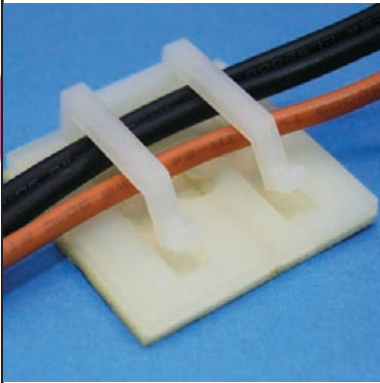
XDT 1

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	500 pcs.



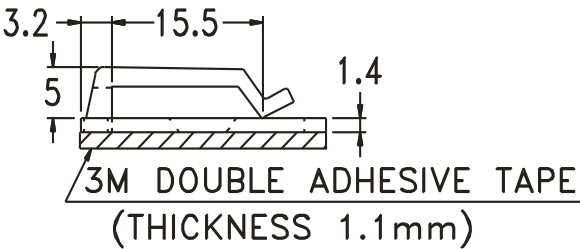
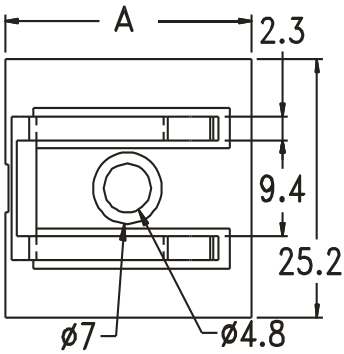
Part No.	Package
XDT 1	500

Cable Clamp



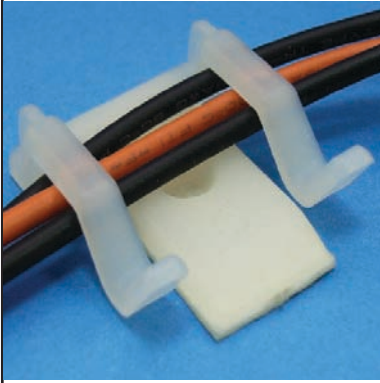
GDQ

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	500 pcs.



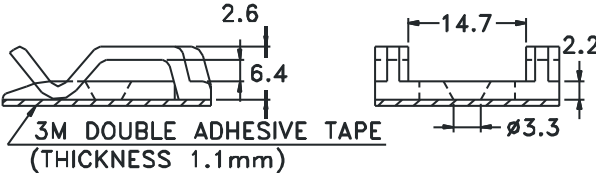
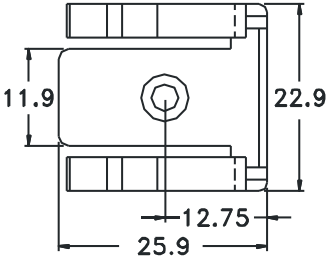
Part No.	A mm	Double adhesive tape
GDQ-22	25.2	THICKNESS:1.1mm
GDQ-22SN	24.2	(no)

Cable Clamp



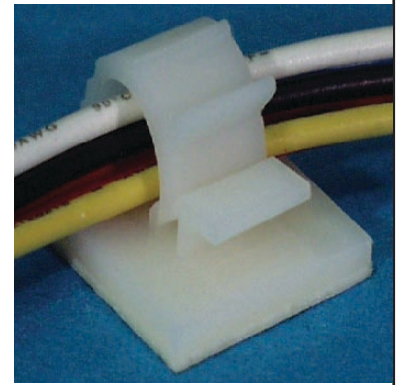
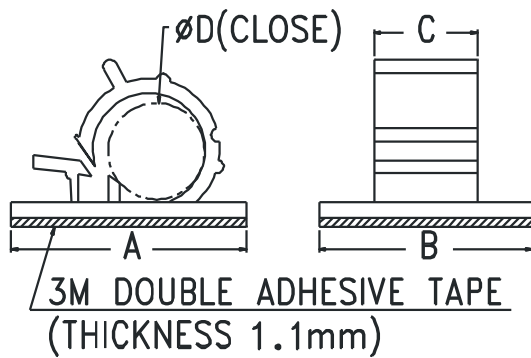
GDQ-25

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	500 pcs.



Part No.	Package
GDQ-25	500

Cable Clamp

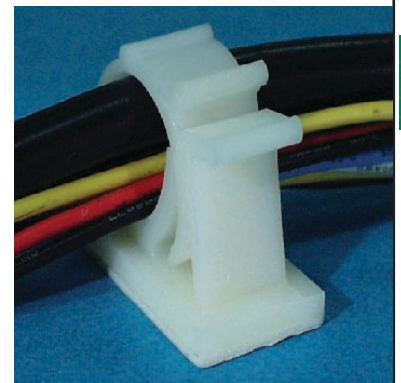
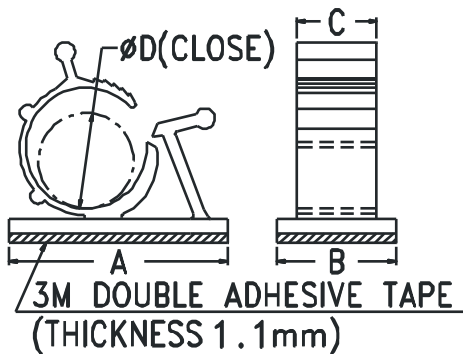


GXT

Part No.	A mm	B mm	C mm	D mm	Package
GXT-1	21.0	19.0	9.2	8.2	500
GXT-2	25.0	20.0	12.0	9.0	250
GXT-3	25.0	19.7	12.1	10.6	
GXT-4	29.0	20.0	14.0	12.6	

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	250 / 500 pcs.

Cable Clamp



BXD

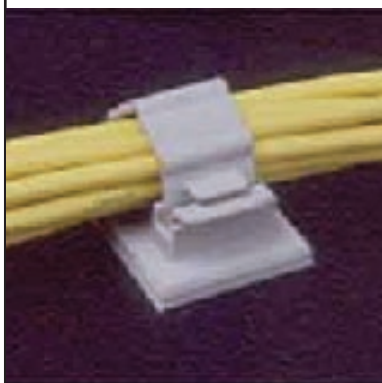
Part No.	A mm	B mm	C mm	D mm	Package
BXD-1	24.8	18.8	10.2	7.9-10.3	250
BXD-2	25.4	15.0	10.0	11.0-13.3	
BXD-2A	30.2	15.0	10.0	11.9-14.3	
BXD-3	34.4	18.8	12.7	14.7-19.1	100
BXD-4	36.0	19.0	12.7	18.0-22.0	
BXD-5	39.8	19.8	13.0	22.0-26.5	

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 / 250 pcs.

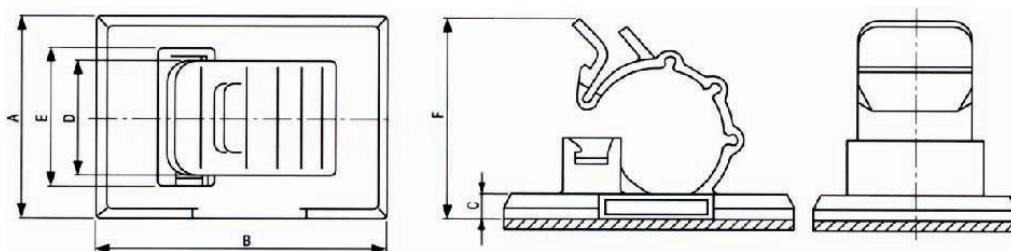


RoHS compliant

Cable Clamp



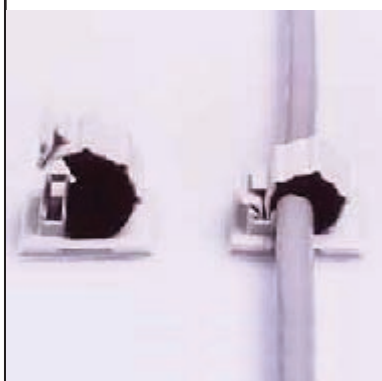
CKN



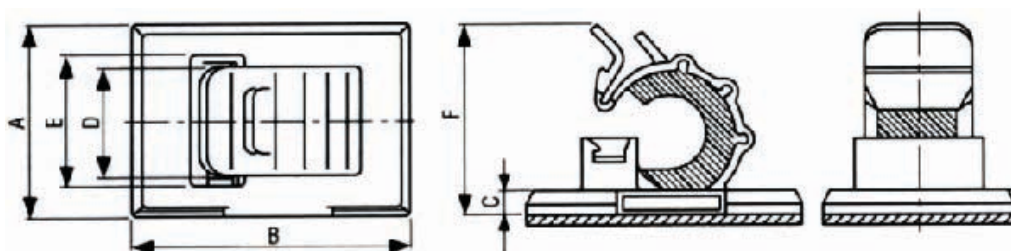
Part No.	A mm	B mm	C mm	D mm	E mm	F mm	Bundle diameter	Package
CKN-05	20.5	17.5	3.0	8.5	10.8	9.8	5.4	100
CKN-07	17.5	25.5	3.2	9.8	12.1	11.0	6.5	
CKN-10	21.0	30.0	3.5	12.0	14.3	15.0	10.0	
CKN-13	24.0	30.0	3.5	14.0	16.3	21.0	14.4	
CKN-16	25.5	36.0	4.0	16.0	18.3	24.0	17.4	
CKN-20	30.0	40.0	4.0	18.0	20.3	26.0	20.0	
CKN-28	42.5	55.5	4.6	24.2	27.4	34.0	29.0	20
CKN-38	75.8	55.5	5.1	29.5	33.4	45.0	38.0	

Material: Nylon 66 (UL)
 Flame class: 94 V-2
 Color: Grey
 Std. Package: 20 / 100 pcs.

Clamp with Cushion Pad



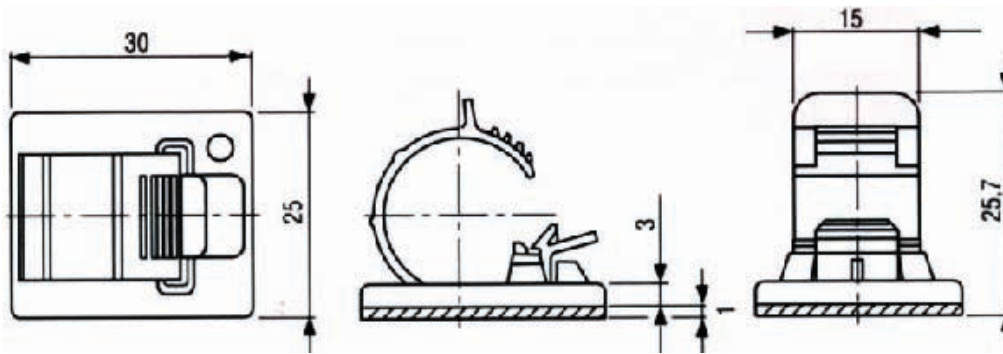
CKN



Part No.	A mm	B mm	C mm	D mm	E mm	F mm	Bundle diameter
CKN-10SP	21.0	30.0	3.5	12.0	14.3	15.0	6 - 8
CKN-13SP	24.0			14.0	16.3	21.0	7 - 10
CKN-16SP	25.5	36.0	4.0	16.0	18.3	24.0	9 - 13
CKN-20SP	30.0	40.0	4.0	18.0	20.3	26.0	10 - 14

Material: Nylon 66 (UL)
 Flame class: 94 V-2
 Color: Grey
 Std. Package: 100 pcs.

Adjustable Clamp

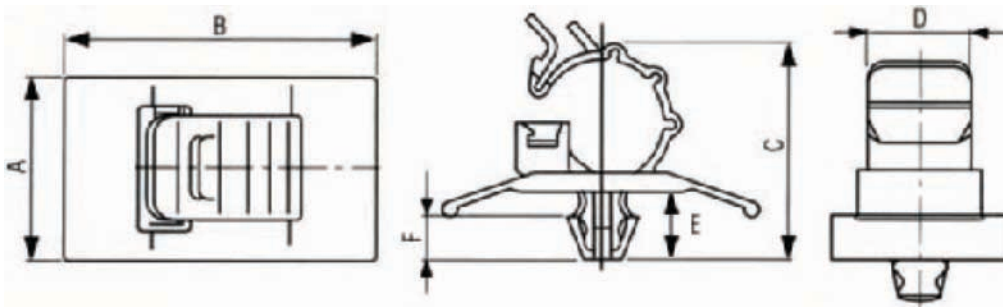


AC

Part No.	Package
AC-13	100

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Black
Std. Package:	100 pcs.

Cable Clamp



Hole Dia: 6.4mm Panel Thickness: 0.5-4.1mm



CKS

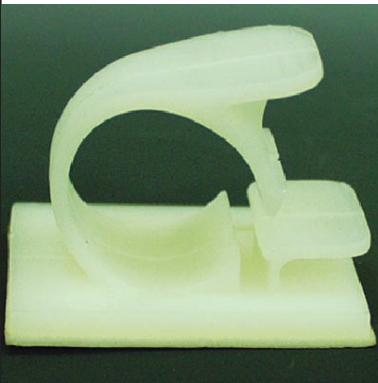
Part No.	A mm	B mm	C mm	D mm	E mm	F mm	Bundle diameter
CKS-05-L	13.8	23.2	20.5	8.5	7.7	5.0	5.4
CKS-05-H		22.3			9.5		
CKS-07-L	15.1	25.0	22.9	9.8	7.7	5.0	6.2
CKS-07-H		24.7			9.5		
CKS-10-L	17.3	28.4	27.4	12.0	7.7	5.0	9.8
CKS-10-H		29.2			9.5		
CKS-13-1	19.3	32.0	33.3	14.0	7.7	5.0	14.4
CKS-13-H		35.1			9.5		
CKS-16-L	21.3	35.0	33.9	16.0	7.7	5.0	17.5
CKS-16-H		35.7			9.5		
CKS-20-L	23.3	37.0	38.5	18.0	7.7	5.0	20.0
CKS-20-H		40.3			9.5		

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Grey
Std. Package:	100 pcs.

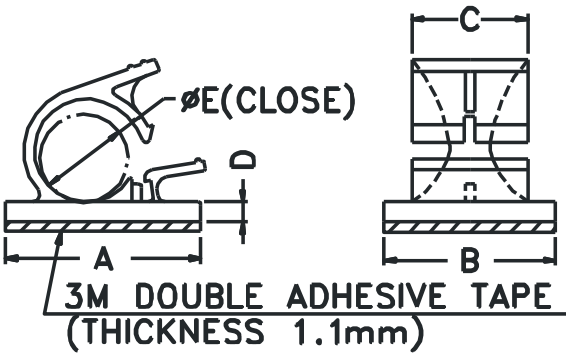


RoHS compliant

Cable Clamp



GXV



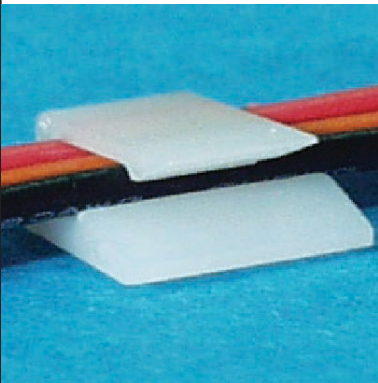
Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	250 / 500 / 1000pcs.

Part No.	A mm	B mm	C mm	D mm	E mm	Package
GXV-1	13.0	10.0	6.8	2.0	4.0	1000
GXV-2	15.0	13.0	9.0		6.0	
GXV-3	21.6	19.0	12.8	2.2	9.0	500
GXV-4	25.0	20.0	13.2		11.0	250
GXV-5	32.0	25.4	16.0	2.1	13.4	
GXV-6	35.8	24.8	16.8	2.7	18.0	

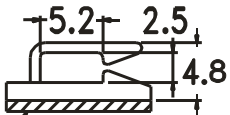
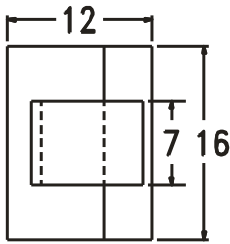
Cable Clamp



RoHS compliant



XD-4

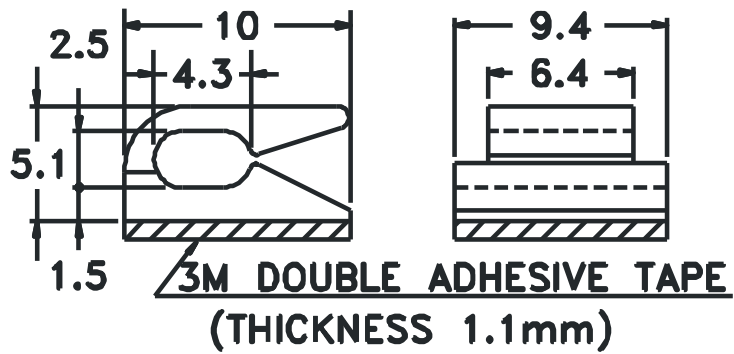


3M DOUBLE ADHESIVE TAPE
(THICKNESS 1.1mm)

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1000 pcs.

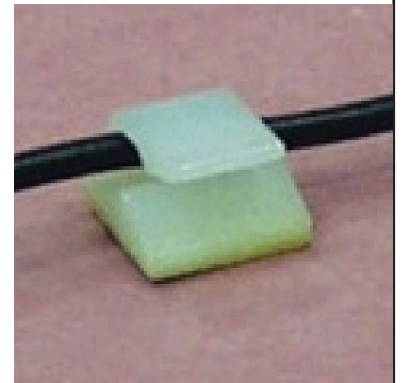
Part No.	Package
XD-4	1000

Cable Clamp



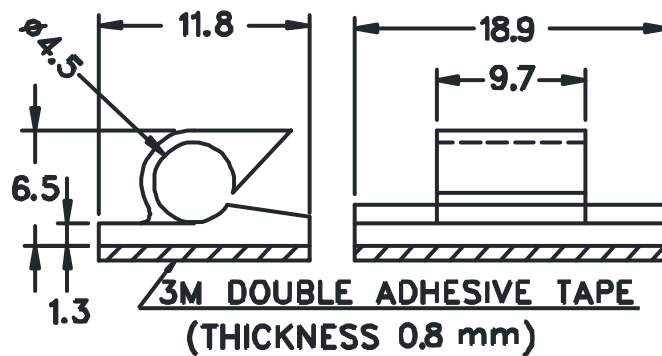
Part No.	Package
XD-6	1000

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1000 pcs.



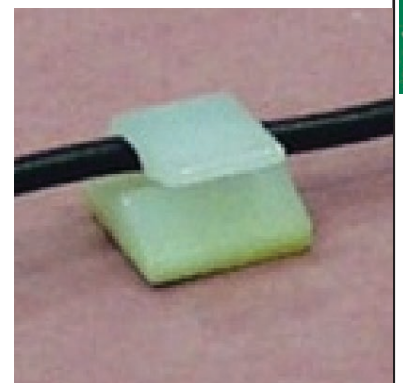
XD-6

Cable Clamp



Part No.	Package
XDM-11	1000

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1000 pcs.

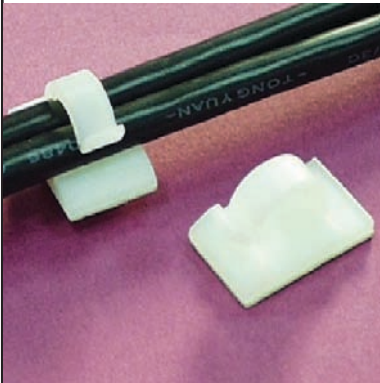


XDM-11



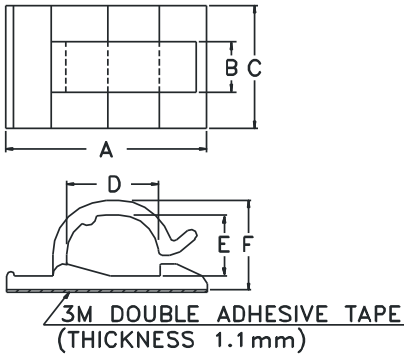
RoHS compliant

Cable Clamp



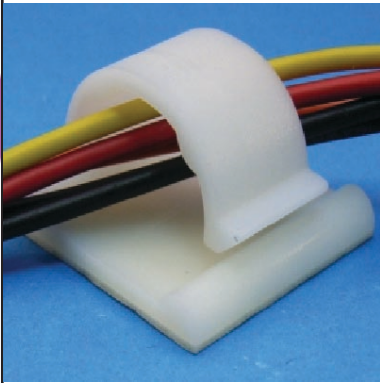
XDM-8 / 9

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	500 pcs.



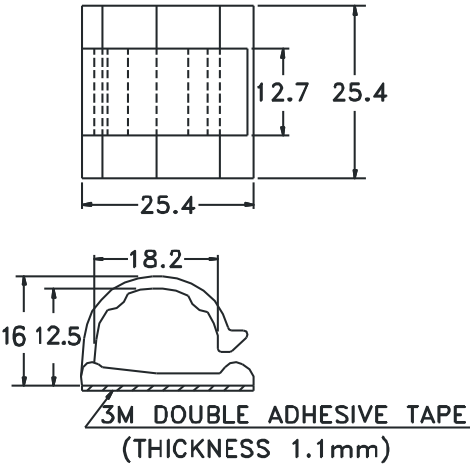
Part No.	A mm	B mm	C mm	D mm	E mm	F mm
XDM-8	25.4	6.5	15.5	11.6	7.8	11.3
XDM-9	25.2	12.7	25.2		7.6	11.0

Cable Clamp



XDM-10

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	500 pcs.

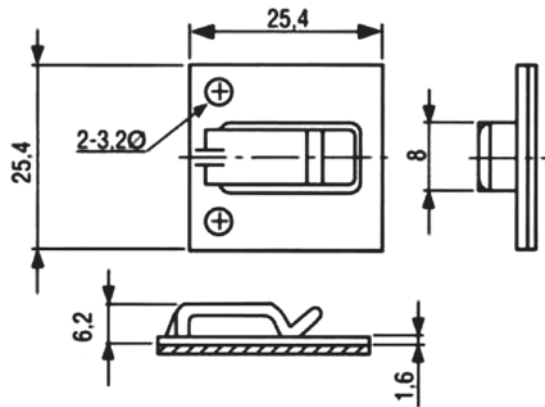


Part No.	Package
XDM-10	500

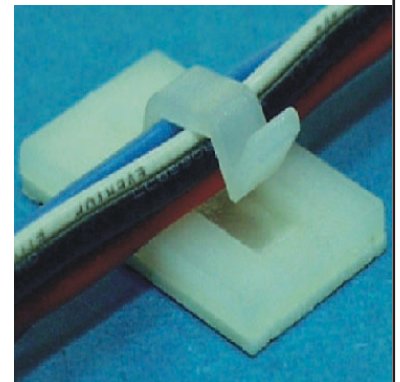


RoHS compliant

Mini Flat Cable Clip



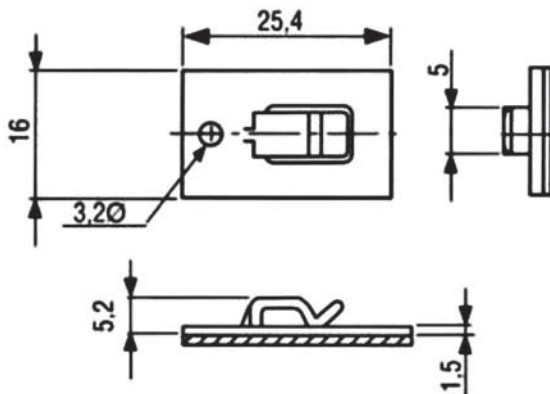
Part No.	Package
FCA-16	100



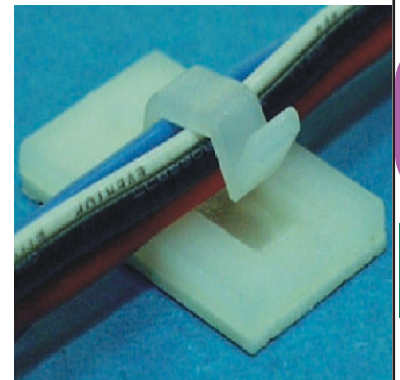
FCA-16

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 pcs.

Mini Flat Cable Clip



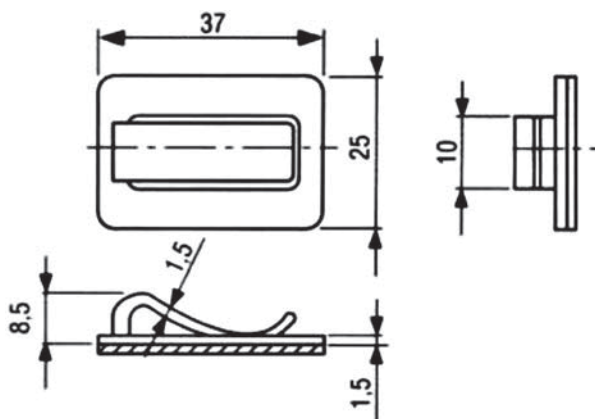
Part No.	Package
FCA-10	100



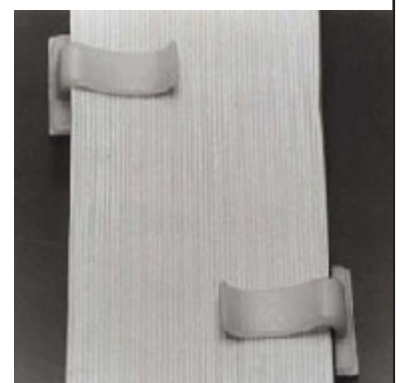
FCA-10

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 pcs.

Mini Flat Cable Clip



Part No.	Adhesive backing
MFC-2000	No
MFC-3000	Yes



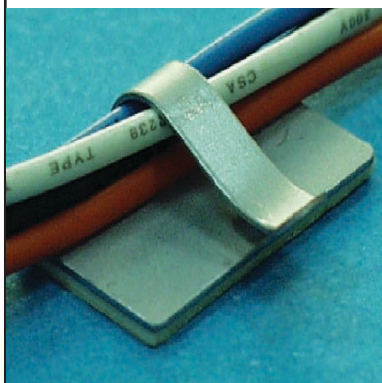
MFC

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 pcs.

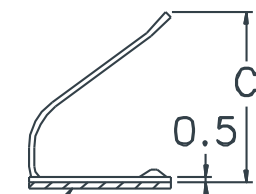
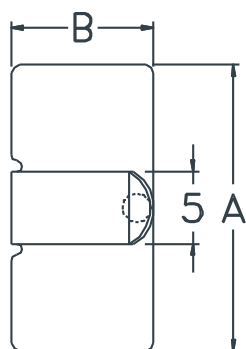


RoHS compliant

Cable Clamp



XDN

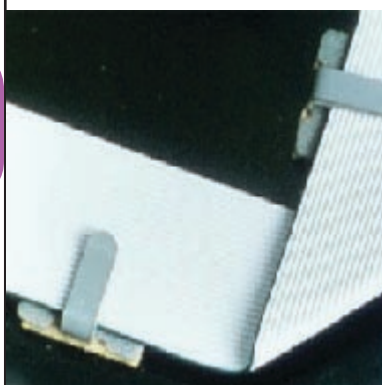


3M DOUBLE ADHESIVE TAPE
(THICKNESS 1.1mm)

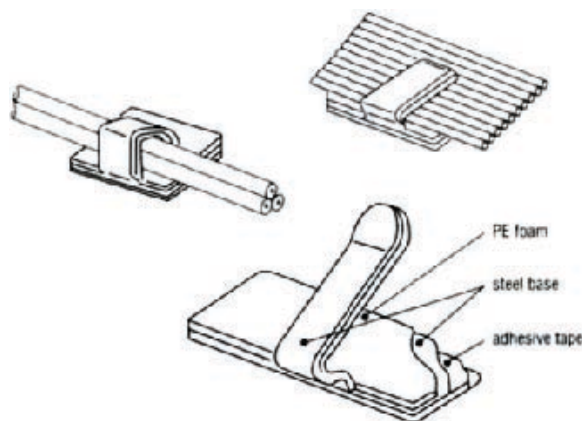
Material:	Steel
Flame class:	not relevant
Color:	Metal
Std. Package:	500 / 1000 pcs.

Part No.	A mm	B mm	C mm	Package
XDN-1	20.0	10.0	11.6	1000
XDN-2	25.0	15.0	17.1	500

Cord Keep



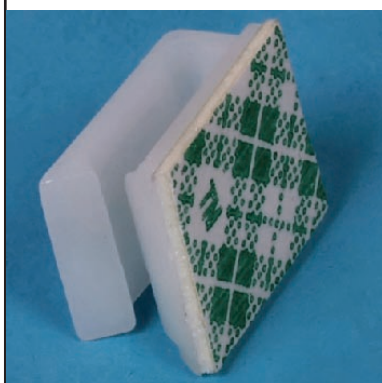
K



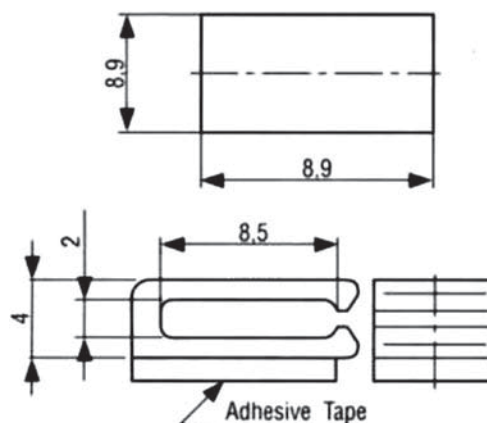
Material:	Steel base, Zinc plated
Color:	Gray
Std. Package:	250 pcs.

Part No.	Adhesive tape
K-103G	10 x 18 mm
K-104G	9.2 x 23.8 mm
K-105G	12.9 x 23.8 mm
K-106G	14.7 x 23.8 mm

Side-Slot Mini Clamp



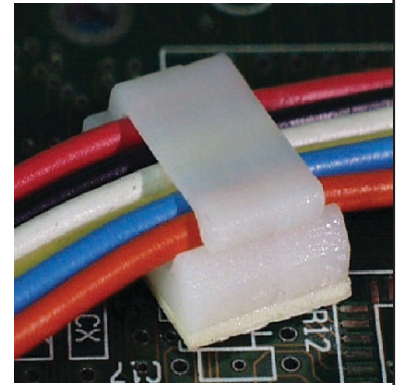
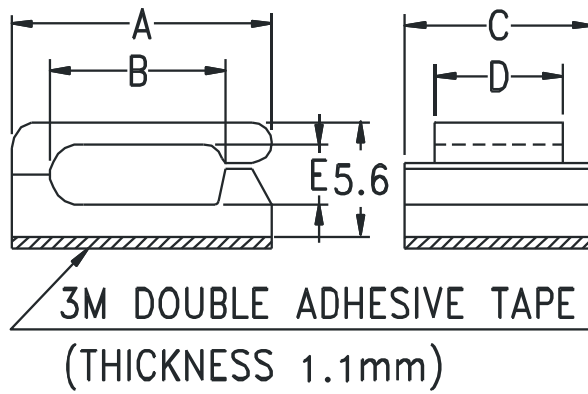
TMC-6



Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1000 pcs.

Part No.	Package
TMC-6	1000

Cable Clamp

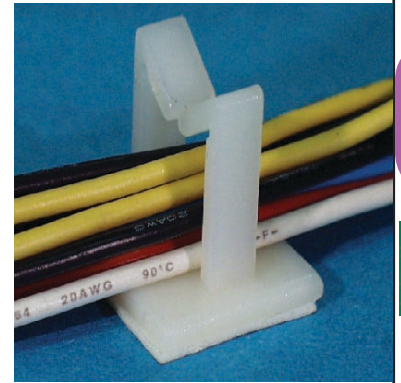
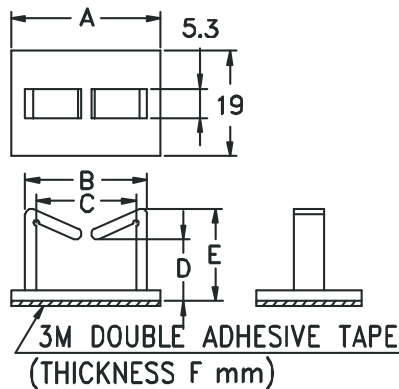


NXT

Part No.	A mm	B mm	C mm	D mm	E mm
NXT-2	13.0	8.5	9.2	6.3	3.0
NXT-3	16.0	11.5	13.0	9.0	2.9

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1000 pcs.

Cable Clamp

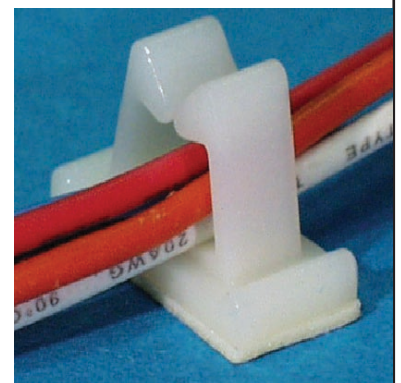
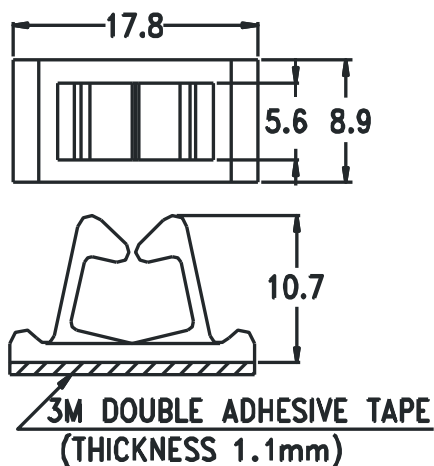


XU

Part No.	A mm	B mm	C mm	D mm	E mm	F mm
XU-1	21.0	15.5	11.5	10.0	17.2	1.1
XU-3	27.0	22.0	18.0	11.2	16.7	0.8

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	500 pcs.

Cable Clamp

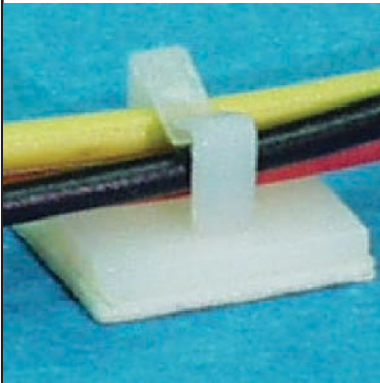


XU-2

Part No.	Package
XU-2	1000

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1000 pcs.

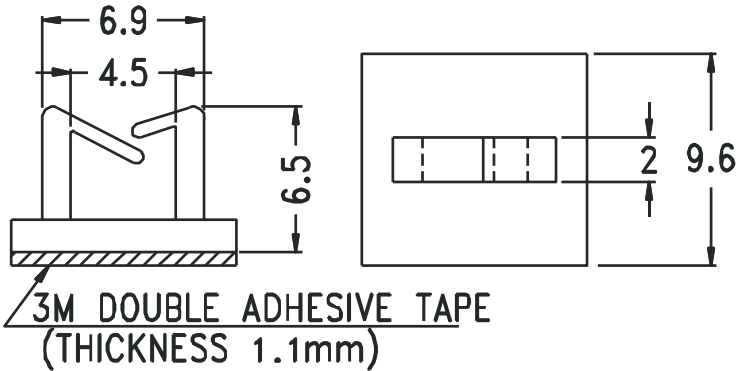
Cable Clamp



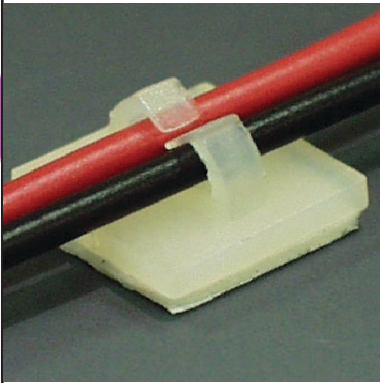
XMML-1

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1000 pcs.

Part No.	Package
XMML-1	1000



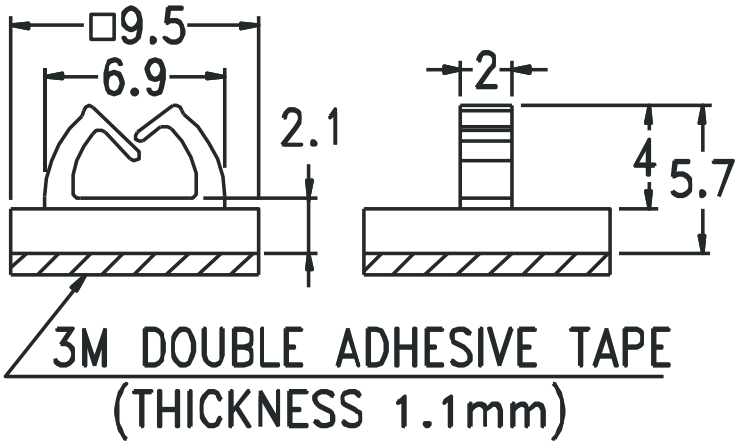
Cable Clamp



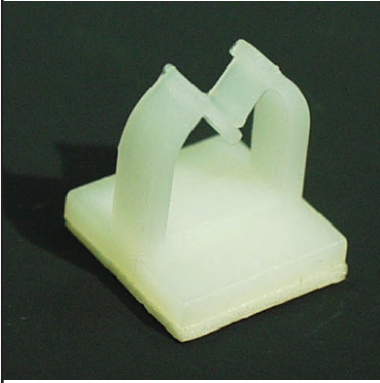
XMML-2

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1000 pcs.

Part No.	Package
XMML-2	1000



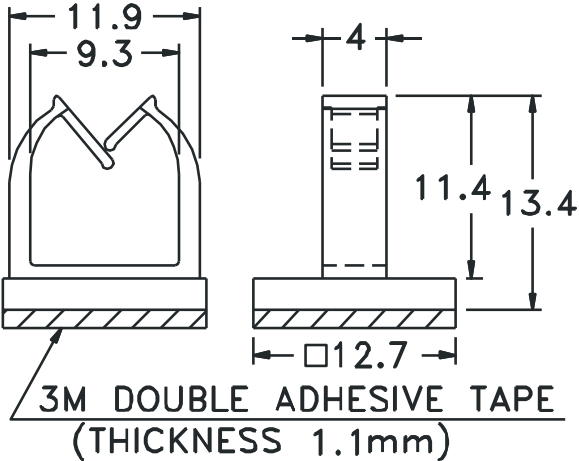
Cable Clamp

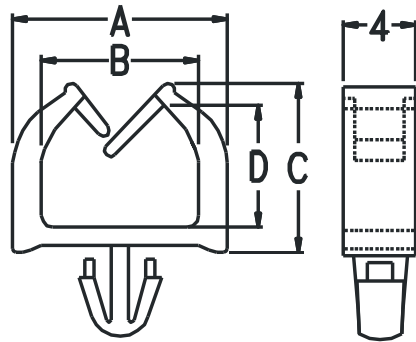


XMML-3

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1000 pcs.

Part No.	Package
XMML-3	1000





CHASSIS $\varnothing$ E THICKNESS 1.0~1.6

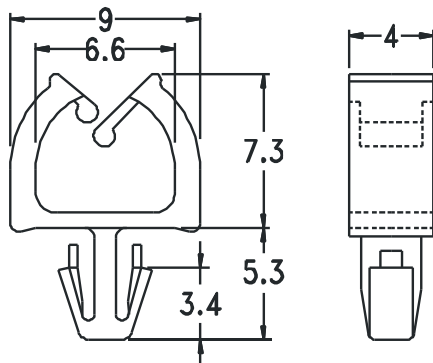
Part No.	A mm	B mm	C mm	D mm	E mm	Package
NXT-6	12.0	8.8	11.5	8.5	3.5	1000
NXT-7	9.2	6.8	7.6	5.0	3.0	2000

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1000 / 2000 pcs.

Cable Clamp



NXT 6/7



CHASSIS $\varnothing$ 3 THICKNESS 1.6

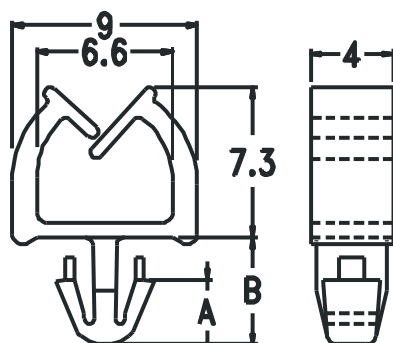
Part No.	Package
NXT-10	1000

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1000 pcs.

Cable Clamp



NXT-10



CHASSIS $\varnothing$ 3.5

Part No.	A mm	B mm	Chassis Thickness
NXT-11	3.2	5.20	1.6 mm
NXT-11S	2.8	4.15	1.0 mm

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1000 pcs.

Cable Clamp

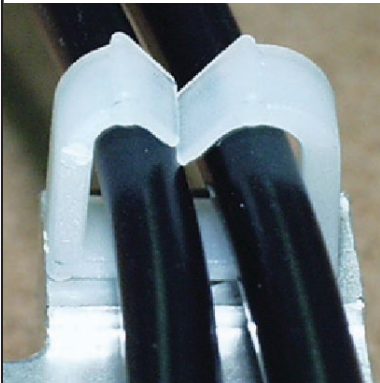


NXT-11

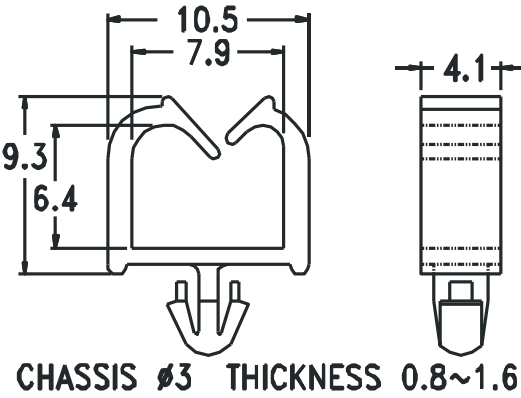


RoHS compliant

Cable Clamp



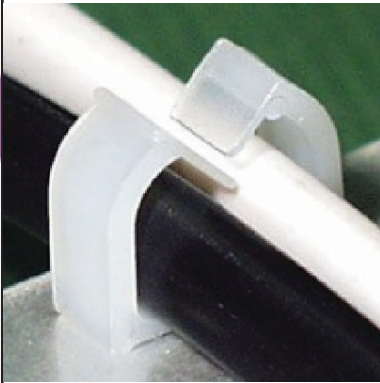
NXT-12



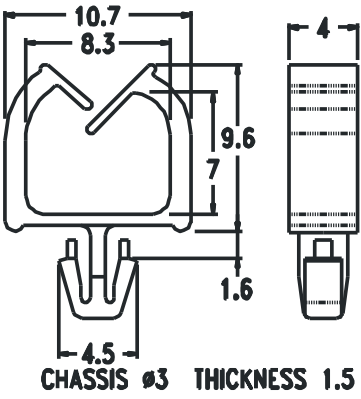
Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1000 pcs.

Part No.	Package
NXT-12	1000

Cable Clamp



NXT-15



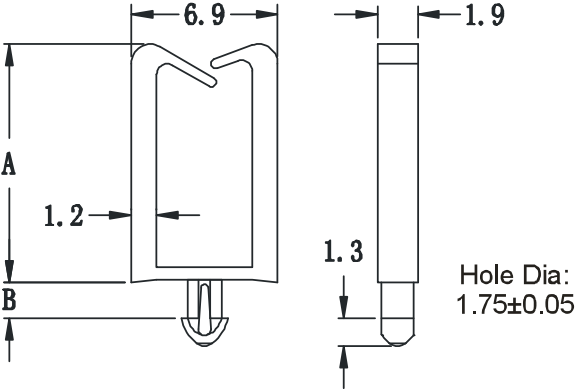
Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1000 pcs.

Part No.	Package
NXT-15	1000

Mini Wire Saddle - Teardrop Head



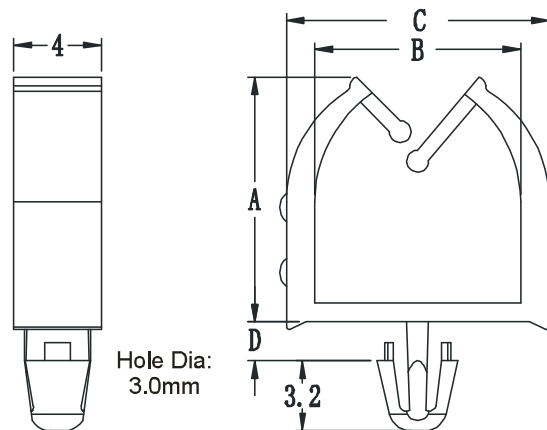
NXT-T



Material:	Nylon 66 (UL)
Flame class:	94 V-0
Color:	Natural
Std. Package:	1000 pcs.

Part No.	A mm	B mm	Panel Thick.
NXT-T-1	5.8	1.7	1.6
NXT-T-2	11.2	1.7	
NXT-T-3	11.2	2.3	2.2
NXT-T2-1	5.8	2.45	2.36

Micro Wire Saddle - Arrowhead

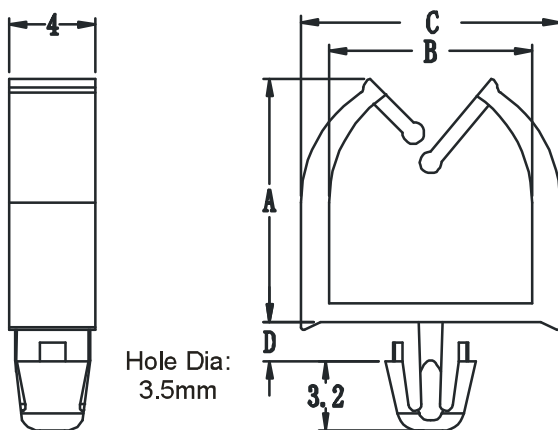


NXT-A1/A11

Part No.	A mm	B mm	C mm	D mm	Panel Thick.
NXT-A1-1	7.3	6.7	9.1	1.8	1.6
NXT-A1-2	9.1	8.2	10.8		
NXT-A1-3	11.2	9.4	12.0		
NXT-A1-4	13.0				
NXT-A11-1	7.3	6.7	9.1	2.6	2.4
NXT-A11-2	9.1	8.2	10.8		
NXT-A11-3	11.2	9.4	12.0		
NXT-A11-4	13.0				

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.

Micro Wire Saddle - Arrowhead



NXT-A2/A21

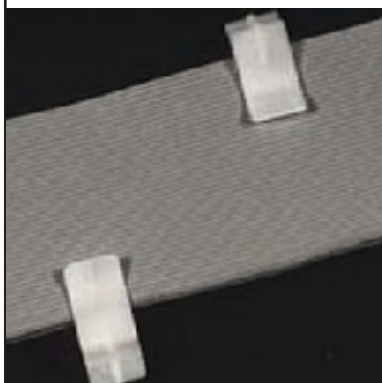
Part No.	A mm	B mm	C mm	D mm	Panel Thick.
NXT-A2-1	7.3	6.7	9.1	1.8	1.6
NXT-A2-2	9.1	8.2	10.8		
NXT-A2-3	11.2	9.4	12.0		
NXT-A2-4	13.0				
NXT-A21-1	7.3	6.7	9.1	2.6	2.4
NXT-A21-2	9.1	8.2	10.8		
NXT-A21-3	11.2	9.4	12.0		
NXT-A21-4	13.0				

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.



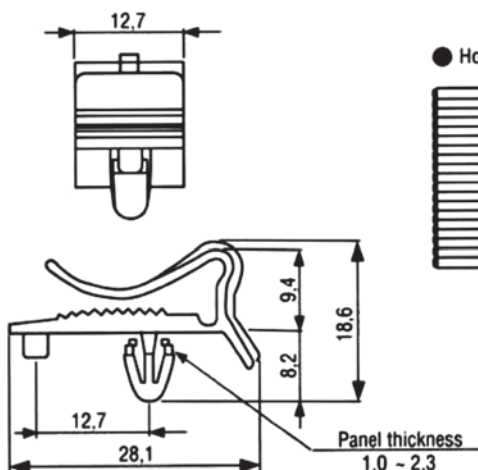
RoHS compliant

Mini Flat Cable Clip

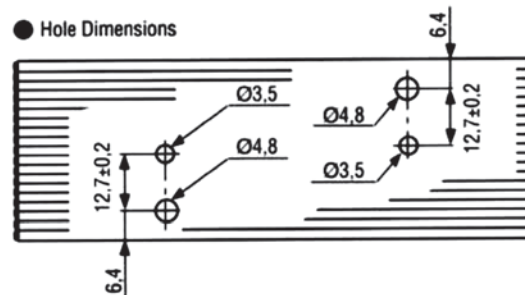


MFS-1000

Material: Nylon 66 (UL)
 Flame class: 94 V-2
 Color: Natural
 Std. Package: 100 pcs.

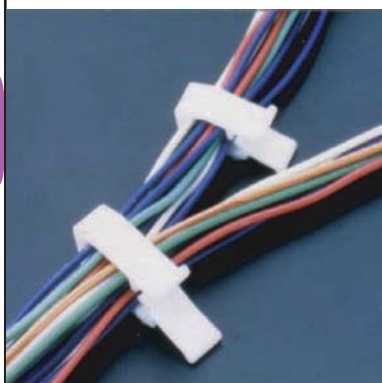


● Hole Dimensions



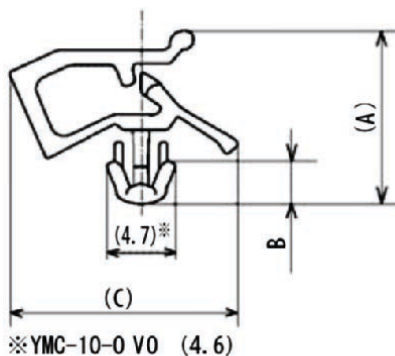
Part No.	Package
MFS-1000	100

Side-Slot Mini Clamp

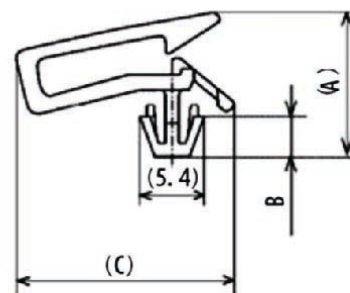


YMC / YMW

Material: Nylon 6 (UL)
 Flame class: 94 V-2
 Color: Natural
 Std. Package: 1000 pcs.



YMC



YMW

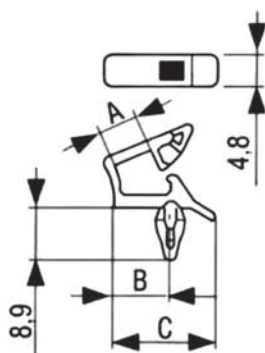
Part No.	A mm	B mm	C mm	Panel thick.	Hole Ø
YMC-05-H-0	10.7	3	11.8	0.5-2.0	Ø3.5
YMC-05-0	10.2		12.7	0.5-1.6	
YMC-10-0	12.0		15.14		
YMC-15-0	13.8		20.5		
YMW-16	12.2	3.5	17.9	0.8-1.8	Ø4

Side-Slot Mini Clamp

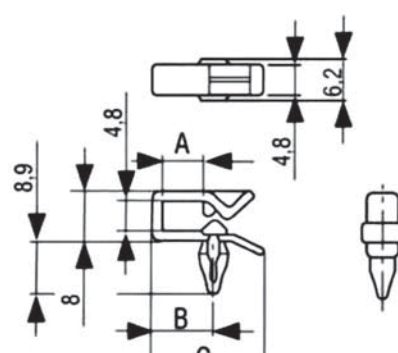


LS

Material: Nylon 66 (UL)
 Flame class: 94 V-2
 Color: Natural
 Std. Package: 1000 pcs.



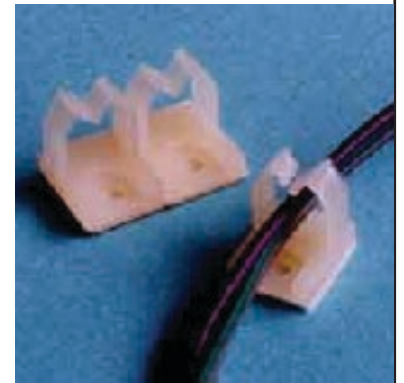
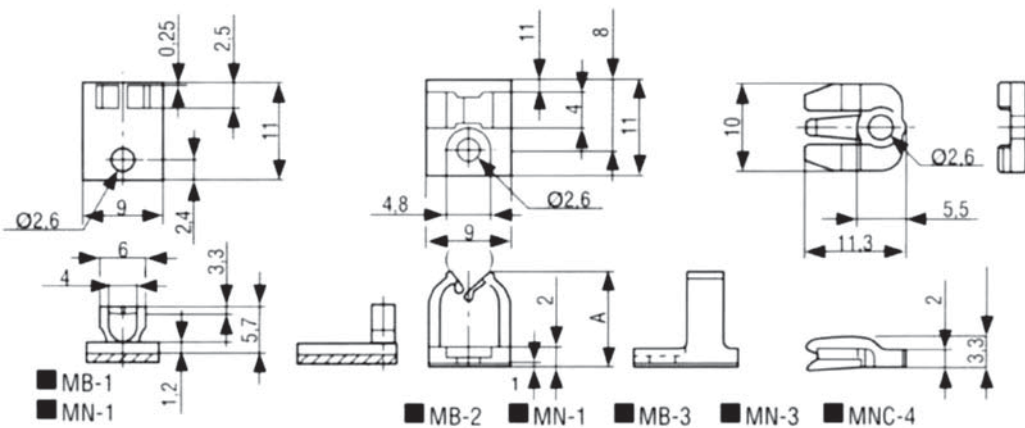
■ Type-LS



■ Type-S

Part No.	A mm	B mm	C mm
LS-5	6.8	9.7	17.1
LS-10	10.2	13.7	21.1
S-5	6.6	10.8	17.5
S-10	10.0	13.4	20.9

Super Mini Clamp

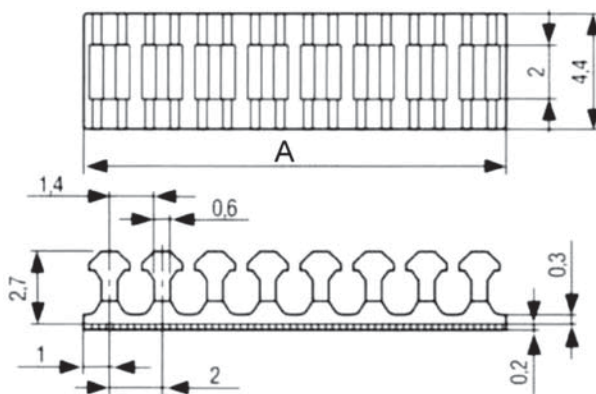


MN

Part No.	A mm	Installation	Package
MN-1	5.7	Adhesive tape	500
MB-1		M2.5 Screw	
MN-2	8.5	Adhesive tape	1000
MB-2		M2.5 Screw	
MN-3	10.5	Adhesive tape	1000
MB-3		M2.5 Screw	
MNC-4	-	M2.5 Screw	

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	500 / 1000 pcs.

Super Mini Clamp



MU

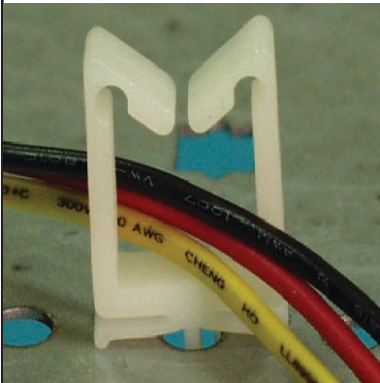
Part No.	A mm
MU-01-1	4
MU-01-2	6
MU-01-3	8
MU-01-4	10
MU-01-5	12
MU-01-8	18

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1000 pcs.

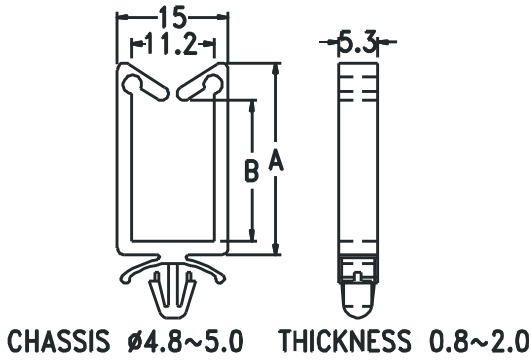


RoHS compliant

Cable Clamp



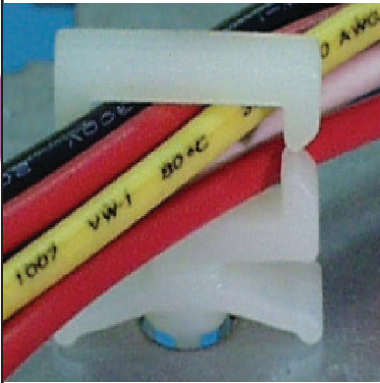
DIB



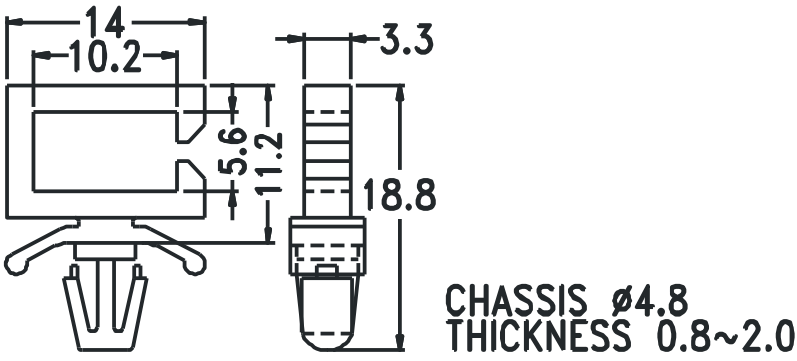
Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	500 / 1000 pcs.

Part No.	A mm	B mm	Package
DIB-1	12.0	5.0	1000
DIB-2	17.0	10.0	500
DIB-3	26.0	19.0	
DIB-4	34.0	27.0	

Cable Clamp



WSS-2



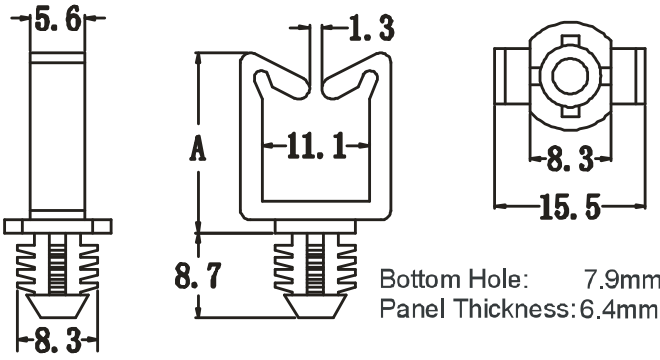
Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1000 pcs.

Part No.	Package
WSS-2	1000

Blind Head Mini Wire Saddle



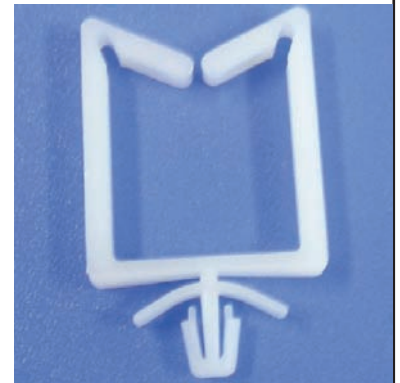
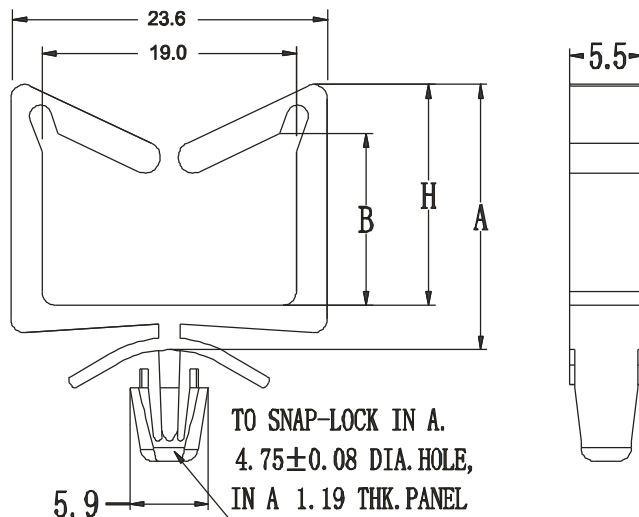
CINXT



Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1000 pcs.

Part No.	A±0.4mm
CINXT-1-66	13.0
CINXT-2-66	18.3
CINXT-3-66	27.2
CINXT-4-66	35.6

Arrow Head Wire Saddle

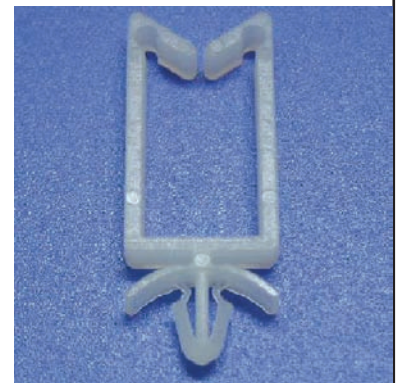
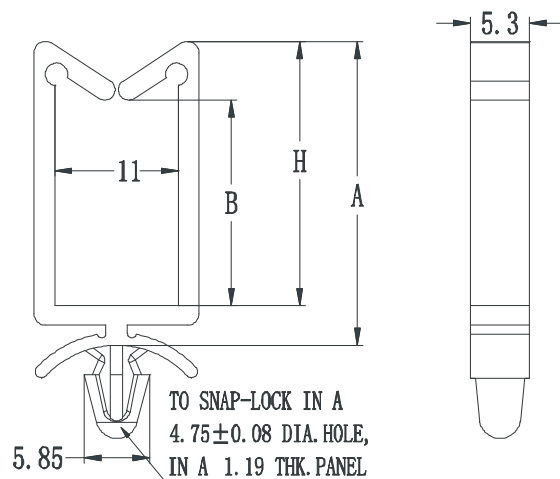


BXT

Part No.	Part No.	H mm	A mm	B mm
BXT-02	BXT-02V0	16,3	19,6	12,7
BXT-03	BXT-03V0	25,1	28,4	21,6

Material:	Nylon 66 UL
Flame class:	94 V-2 or V0
Color:	Natural
Std. Package:	1.000 pcs.

Wire Saddle



OXT

Part No.	Part No.	H mm	A mm	B mm
OXT-01	OXT-01V0	9,2	12,7	2,8
OXT-02	OXT-02V0	14,4	17,9	8,6
OXT-03	OXT-03V0	23,4	26,9	18,2
OXT-04	OXT-04V0	31,3	34,8	26,1

Material:	Nylon 66 UL
Flame class:	94 V-2 or V0
Color:	Natural
Std. Package:	1.000 pcs.

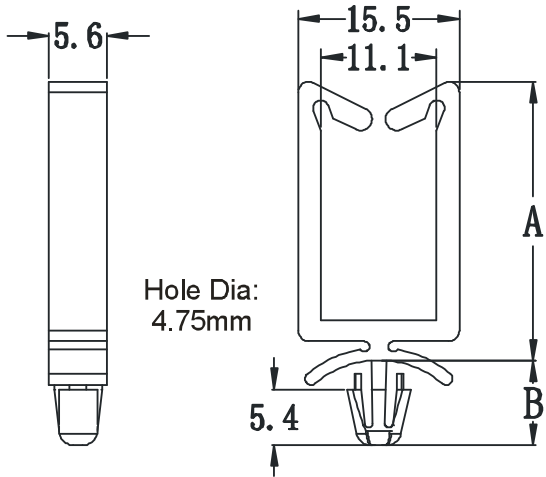


RoHS compliant

Narrow Wire Saddle - Arrowhead



OXT-A1/A2



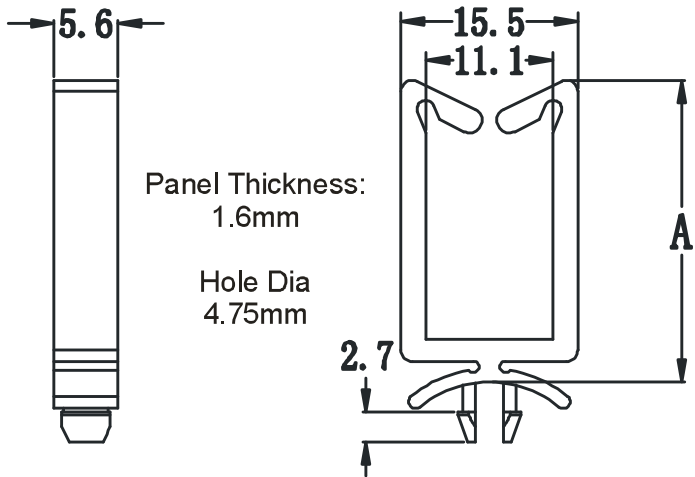
Material:	Nylon 66 UL
Flame class:	94 V-2 or V0
Color:	Natural
Std. Package:	1.000 pcs.

Part No.	A mm	B mm	Panel Thick.
OXT-A1-1	13.0	8.2	1.6
OXT-A1-2	18.0		
OXT-A1-3	26.9		
OXT-A1-4	34.8		
OXT-A2-1	13.0	9.8	3.2
OXT-A2-2	18.0		
OXT-A2-3	26.9		
OXT-A2-4	34.8		

Narrow Wire Saddle



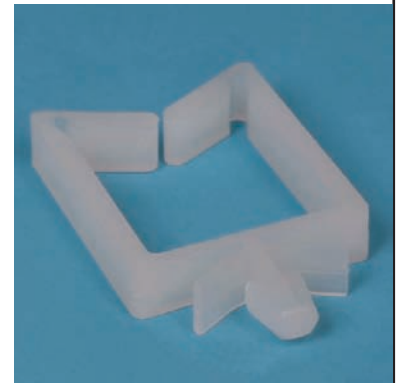
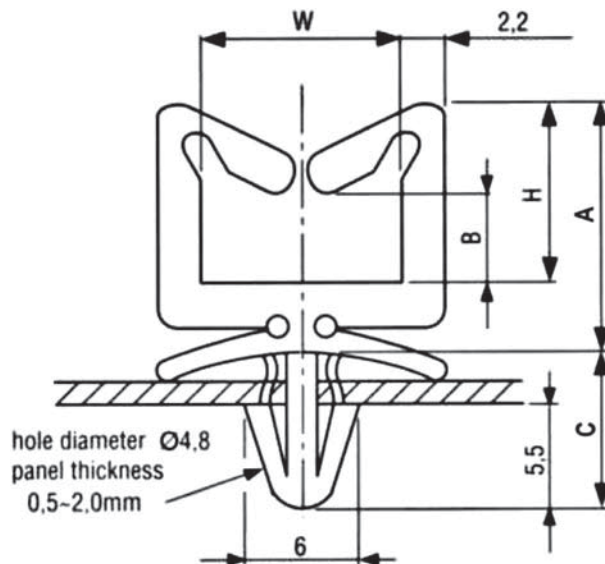
OXT



Material:	Nylon 66 UL
Flame class:	94 V-2 or V0
Color:	Natural
Std. Package:	1.000 pcs.

Part No.	A mm
OXT-1	13.0
OXT-2	18.0
OXT-3	26,9
OXT-4	34,8

Wire Saddle

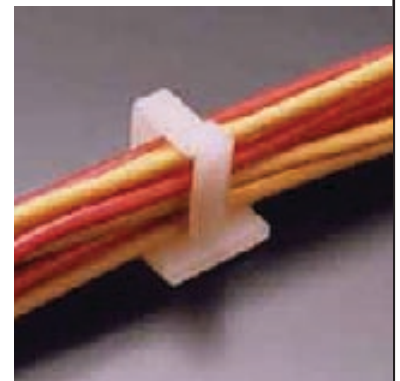
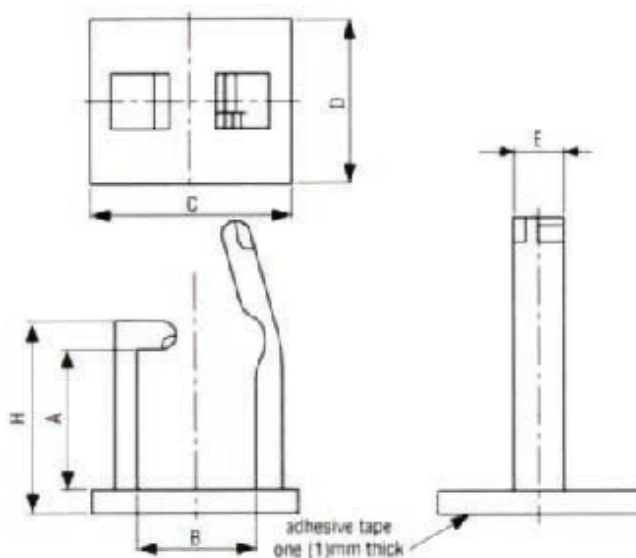


WS

Part No.	H mm	A mm	B mm	C mm	W mm
WS-1NS	9.5	13.0	5.0	8.2	11.1
WS-2NS	14.7	18.2	10.2		
WS-3NS	23.7	27.2	19.2		
WS-4NS	31.6	35.1	27.1		
WS-2WS	15.5	19.0	11.2	9.9	16.0
WS-2NS-L	14.7	18.2	10.2		11.1

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 pcs.

Locking Wire Saddle

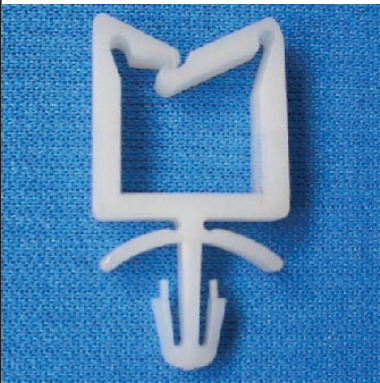


LWS

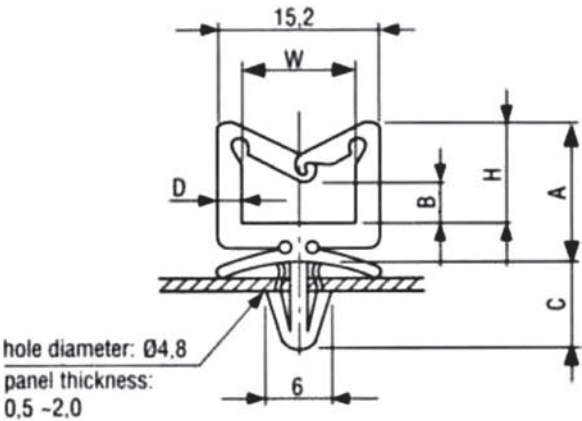
Part No.	H mm	A mm	B mm	C mm	D mm	E mm
LWS-1M	13.5	8.0	11.0	19	16	4,8
LWS-2M	19.5	14.0			19	5.2
LWS-3M	28.0	22.3			19	5.2

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 pcs.

Locking Wire Saddle



LWS



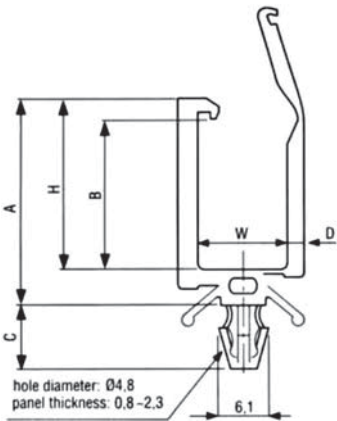
Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 pcs.

Part No.	H mm	A mm	B mm	C mm	D mm	W mm
LWS-1NS	9.2	12.7	2.8	8.2	2.2	11.0
LWS-2NS	14.4	17.9	8.6			
LWS-3NS	23.4	26.9	18.2			
LWS-4NS	31.3	34.8	26.2			

Locking Wire Saddle



LWS

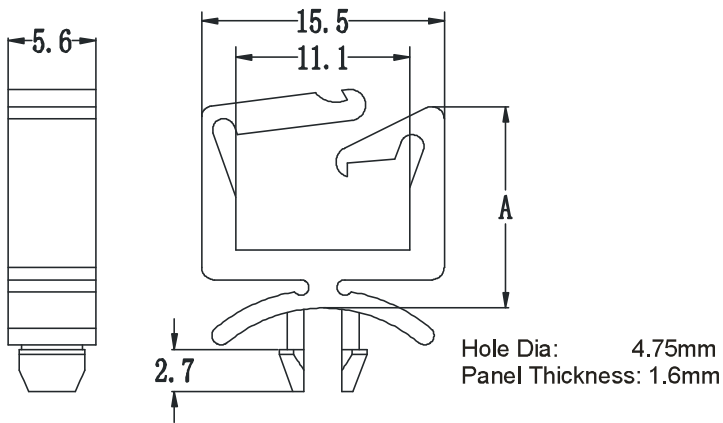


Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 pcs.

Part No.	H mm	A mm	B mm	C mm	D mm	W mm
LWS-1.5S	14.0	18.0	12.5	7.7	2.0	10.4
LWS-2.5S	19.0	23.2	16.5			12.0

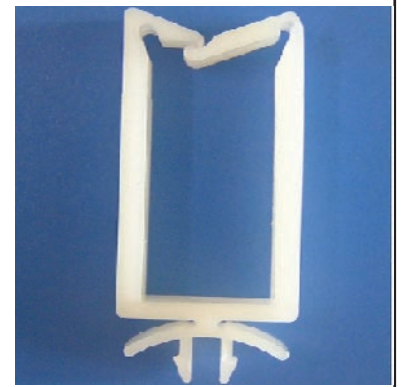
RoHS compliant

Locking Wire Saddle



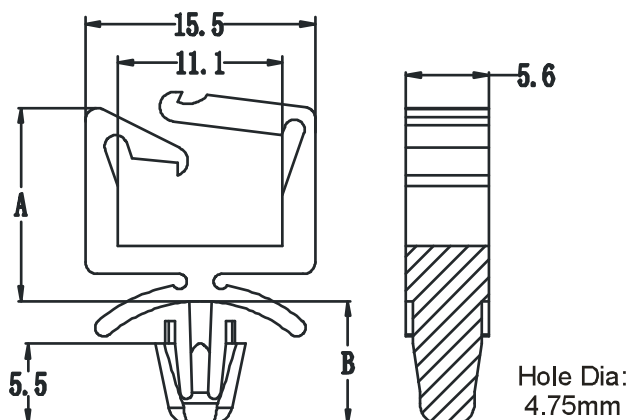
Part No.	A mm
MXT2-1	13.0
MXT2-2	18.0
MXT2-3	27.2
MXT2-4	35.1

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.



MXT2

Locking Wire Saddle



Part No.	A mm	B mm	Panel Thick.
MXT-A1-1	13.0	8.27	1.6
MXT-A1-2	18.0		
MXT-A1-3	27.2		
MXT-A1-4	35.1		
MXT-A2-1	13.0	9.87	3.2
MXT-A2-2	18.0		
MXT-A2-3	27.2		
MXT-A2-4	35.1		

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.

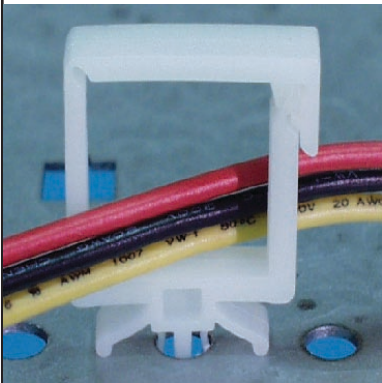


MXT-A1/A2

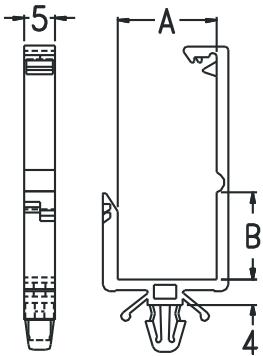


RoHS compliant

Cable Routing



DID



CHASSIS $\varnothing 4.8 \sim \varnothing 5.0$ THICKNESS 1.2~2.4

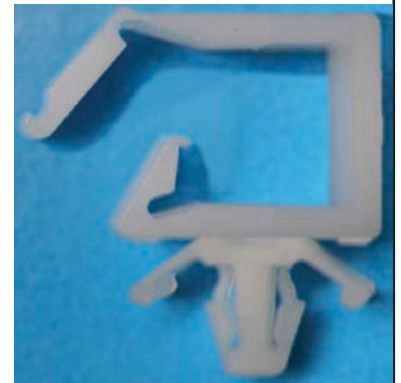
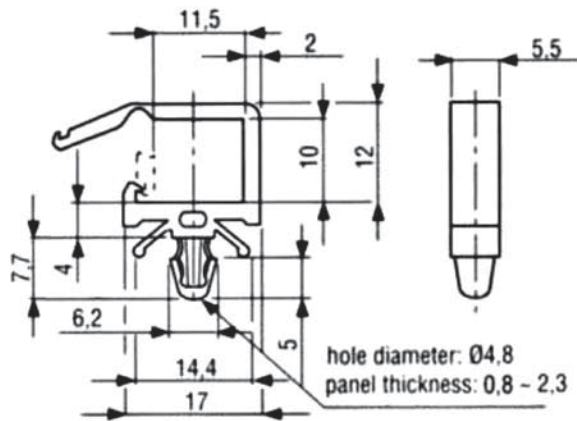
Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	500 pcs.

Part No.	A mm	B mm
DID-1	16.0	14.0
DID-2	11.1	10.2
DID-3		5.0



RoHS compliant

Locking Wire Saddle

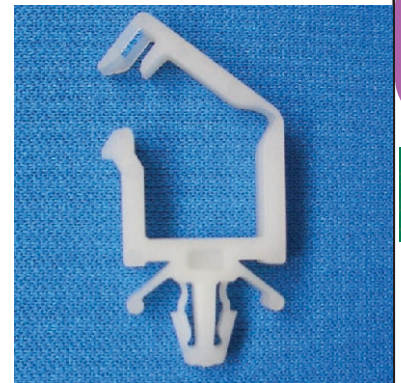
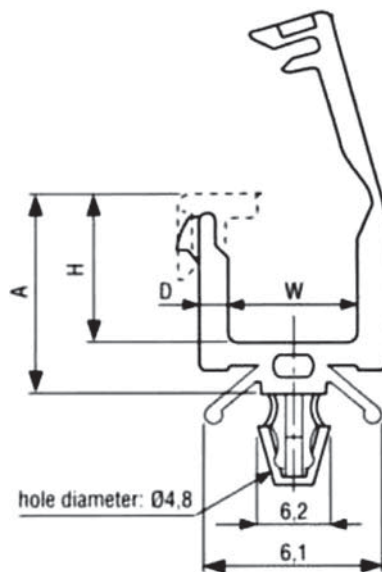


LWS-2Y

Part No.	Package
LWS-2Y	100

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 pcs.

Locking Wire Saddle



LWS

Part No.	H mm	A mm	D mm	W mm	Panel thickness
LWS-1S	7.2	11.2	2.0	11.0	0.8 - 2.3
LWS-3S	10.2	14.2			
LWS-3S-2W				16.5	
LWS-5S-2W	15.2	19.2			
LWS-8S-2.5W	22.7	27.2			

Part No.	H mm	A mm	D mm	W mm	Panel thickness
LWS-1SL	7.2	11.2	2.0	11.0	1.6 - 3.2
LWS-1.5SL	14.5	18.5		16.5	
LWS-5SL-2W	17.2	21.2		18.0	
LWS-8SL-2.5W	24.7	29.2			

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 pcs.



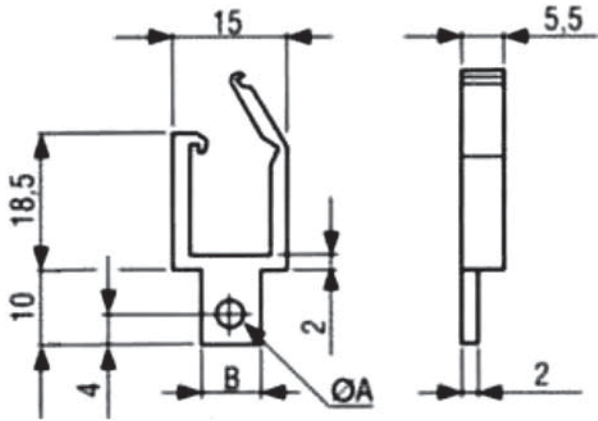
RoHS compliant

Locking Wire Saddle



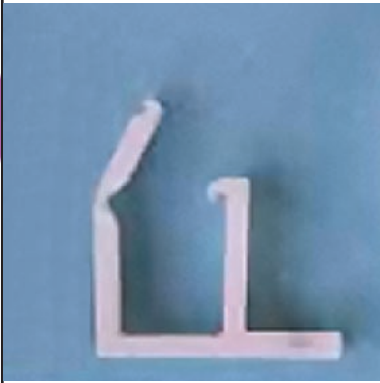
LWS

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 pcs.



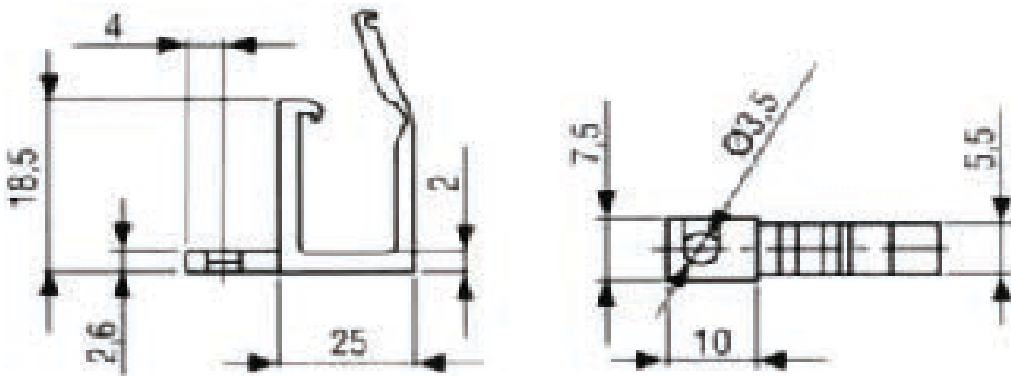
Part No.	ØA mm	B mm
LWS-2W	3.5	8.5
LWS-2W-4	4.2	
LWS-2C	3.5	7.5

Locking Wire Saddle



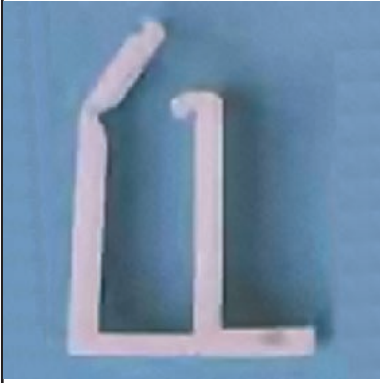
LWS-2H

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 pcs.



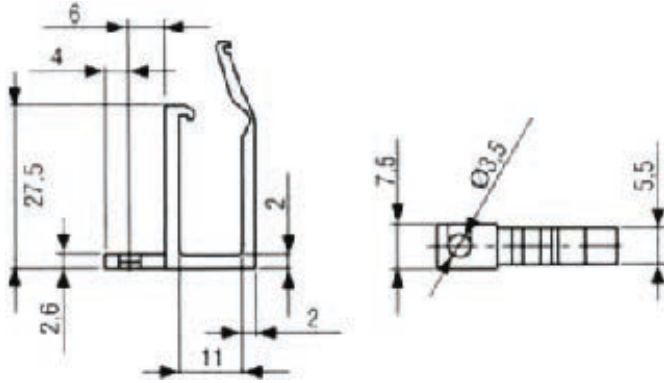
Part No.	Package
LWS-2H	100

Locking Wire Saddle



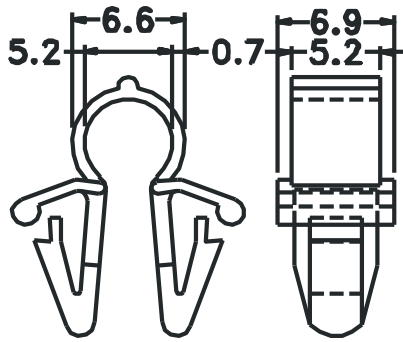
LWS-3H

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 pcs.



Part No.	Package
LWS-3H	100

Cable Clamp

CHASSIS $\varnothing 6.0$ THICKNESS 2.0

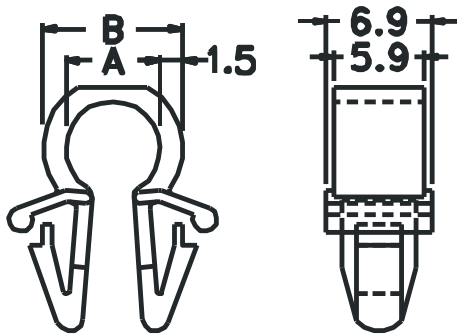
Part No.	Package
PDD-5	1000



PDD-5

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1000 pcs.

Cable Clamp

CHASSIS $\varnothing 6.0$ THICKNESS 2.0

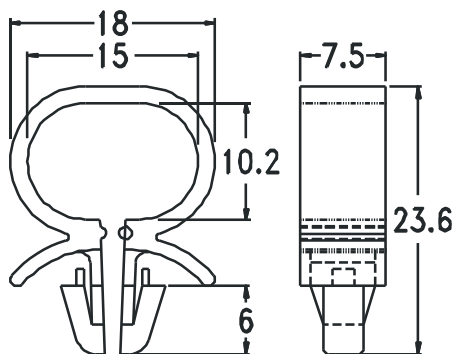
Part No.	A mm	B mm
PDD-6	6.2	9.2
PDD-8	8.2	11.2
PDD-10	10.2	13.2



PDD

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	500 pcs.

Cable Clamp

CHASSIS $\varnothing 6.0 \sim \varnothing 6.5$ THICKNESS 0.8~2.5

Part No.	Package
PDDC-15	500



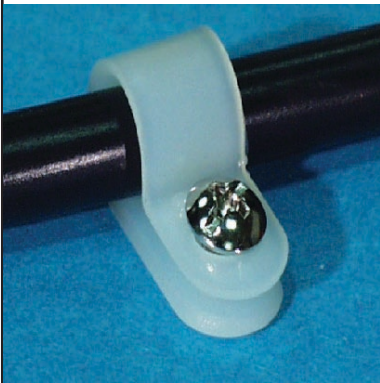
PDDC-15

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Black
Std. Package:	500 pcs.

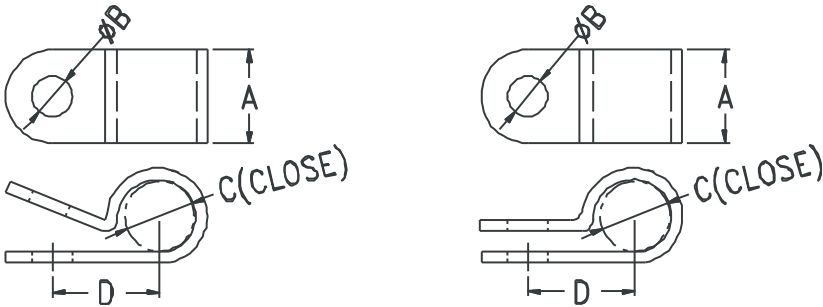


RoHS compliant

Cable Clamp



DD

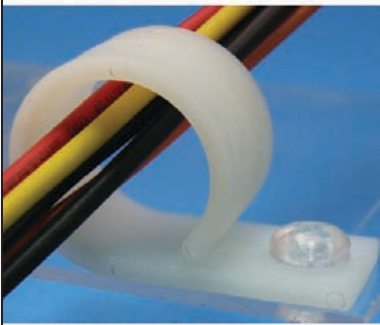


ONLY FOR DD-10

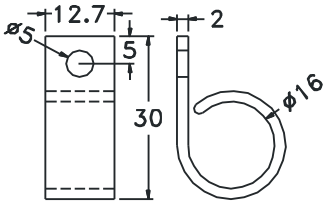
Part No.	A mm	B mm	C mm	D mm	Package
DD-1SS	6.5	3.8	3.0	6.8	1000
DD-1S	9.2	5.4		8.2	
DD-1	13.2			8.9	
DD-2	9.7		4.5	10.2	
DD-3	9.5	4.8	6.2	10.2	
DD-4			7.6	10.5	
DD-5			9.0	12.4	
DD-5L	12.3	5.4		13.2	500
DD-6	12.7	4.8	11.5	14.7	
DD-7	12.9	5.4	12.8	16.0	
DD-7S		4.8	15.5	16.7	200
DD-8		5.4	17.0	20.2	
DD-9			20.0	21.2	100
DD-10			24-27	23.5	
DD-12	9.9	4.4	3.0	8.5	1000
DD-13	9.5	3.2	8.3	12.0	
DD-14	6.3	3.7	3.5	6.4	
DD-15	9.6	4.4	5.6	12.1	1000
DD-16	11.6	6.4			

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	see table

Cable Clamp

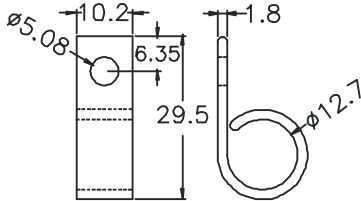


DE



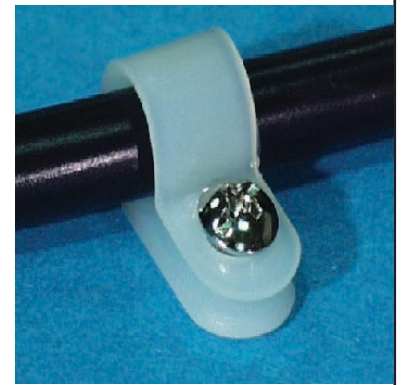
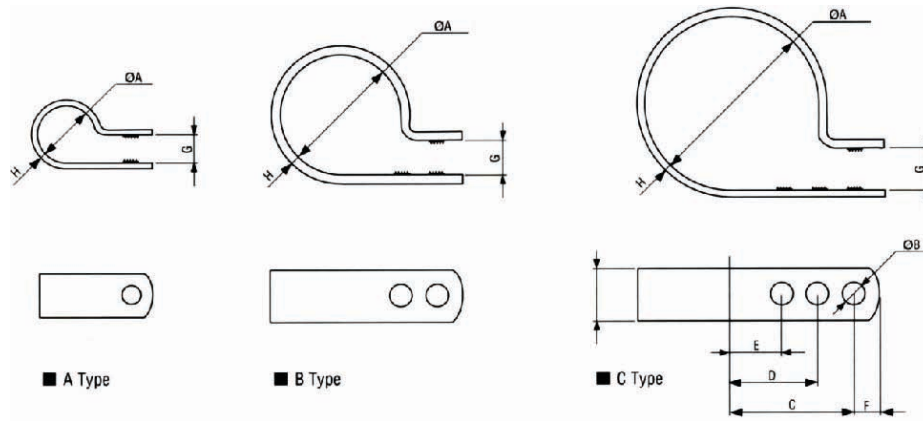
Part No.	Package
DE-16	500

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	500 pcs.



Part No.	Package
DE-12.7	500

Nylon Clamp



NK

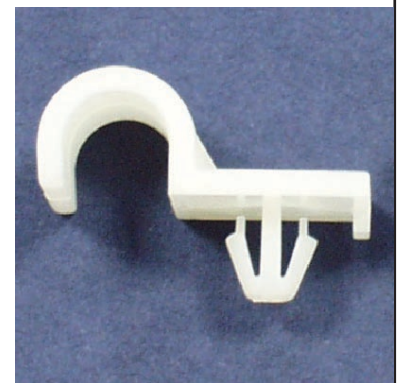
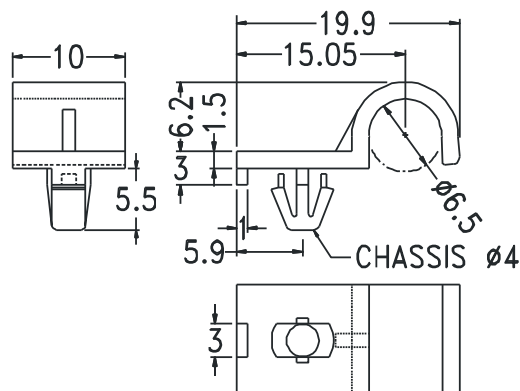
Part No.	Typ	Inner diameter mm			Diameter mm									Package	
		Outer hole	Center hole	Inner hole	A	B	C	D	E	F	G	H	N		
NK-2N	A	3.0	-	-	3.3	4.3	9.5	-	-	4.8	4.8	1.1	9.5	100	
NK-3N		4.6			5.3	4.3	10.3								
NK-4N		5.6			6.8	4.3	11.1								
NK-5N		7.4			8.4	4.3	11.9								
NK-6N		10.0			10.6	4.3	12.7								
NK-7N		10.7			12.2	4.3	13.5								
NK-8N		11.9			13.2	4.3	14.3			6.3	6.3	1.8	12.7		
NK-9N		13.5			15.2	4.3	15.1								
NK-10N		14.0			16.0	4.3	15.9								
NK-11N		16.8			19.0	5.1	17.5			6.3	7.9	1.8	12.7		
NK-12N		17.8			19.8	5.1	18.2								
NK-13N		20.8			22.1	5.1	19.0								
NK-14N	B	21.3		18.5	22.9	5.1	19.8	11.9	11.9	6.3	7.9	1.8	12.7	50	
NK-16N		24.4		22.3	26.9	5.1	21.4	13.5							
NK-18N		26.7		24.1	29.2	5.1	23.0	15.1							
NK-24N	C	37.3	35.0	31.2	39.4	5.1	27.8	19.8	11.9	9.5	9.5	1.8	12.7	25	
NK-32N		51.0	46.2	43.7	52.1	5.1	34.1	24.6	13.5						

Material: Nylon 66 (UL)
 Flame class: 94 V-2
 Color: Natural



RoHS compliant

Cable Clamp



DMI-6

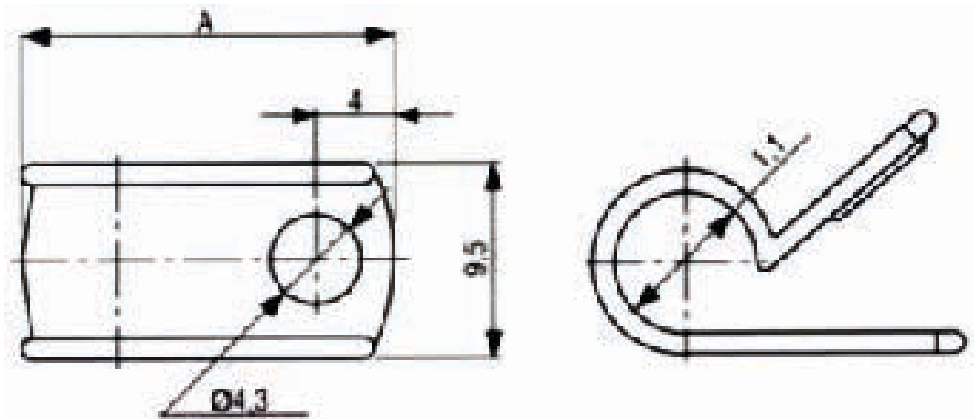
Part No.	Package
DMI-6	500

Material: Nylon 66 (UL)
 Flame class: 94 V-2
 Color: Natural

Heat Resistant Cable Clamp



KCA



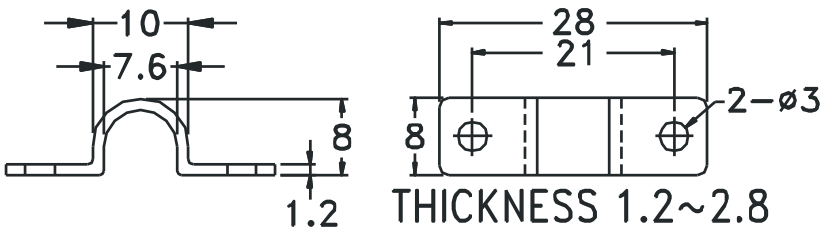
Material:	AFLON
Flame class:	94 V-2
Color:	Blue
Std. Package:	100 pcs.

Part No.	A mm	ØB mm	Bundle diameter
KCA-34	17.45	5.1	Ø4.3
KCA-44	19.00	6.9	Ø5.9
KCA-54	20.95	8.8	Ø7.5
KCA-64	23.75	10.8	Ø9.1

Cable Clamp



DMN-7.5

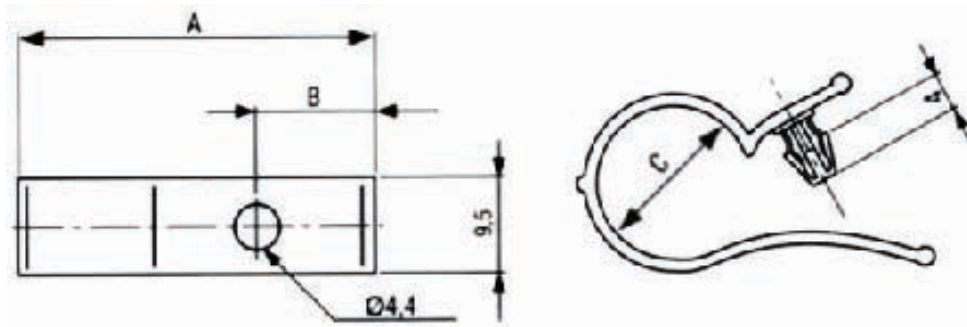


Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	500 pcs.

Part No.	Package
DMN-7.5	500

RoHS compliant

Snap Clamp

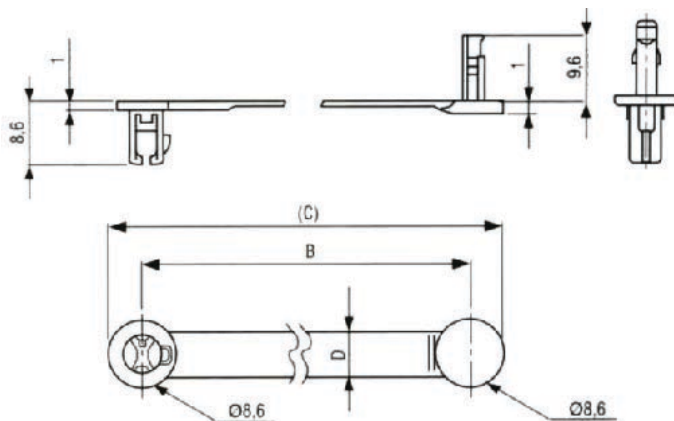


KS

Part No.	A mm	B mm	C mm	Bundle diameter
KS-2S	18.9	8.1	Ø3.8	Ø2.6
KS-5S	26.5	9.4	Ø9.0	Ø7.8
KS-8S	34.7	10.5	Ø15.0	Ø13.0
KS-10S	37.1	11.0	Ø18.0	Ø15.0

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 pcs.

Speed Clamp



NAD

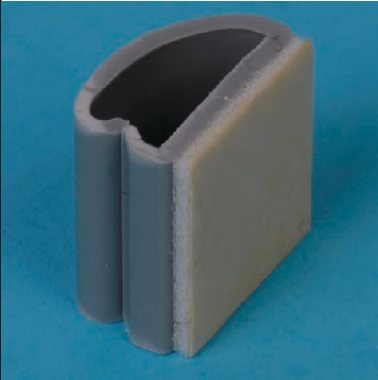
Part No.	Bundle ØA mm	B mm	C mm	D mm	Hole diameter	Panel thickness
NAD-03	Ø5.5	28.0	36.0	4.0	Ø4.8	0.8 - 2.3
NAD-04	Ø6.5	33.0	41.6	6.0		0.8 - 3.2
NAD-06	Ø9.5	43.0	51.6			0.6 - 3.0
NAD-09	Ø14.0	62.0	70.6			
NAD-13	Ø22.0	88.0	99.6			

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Black
Std. Package:	500 pcs.

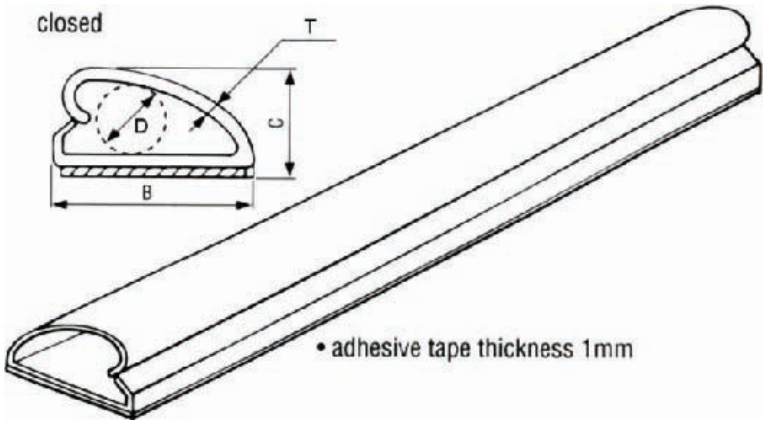


RoHS compliant

Shell Duct



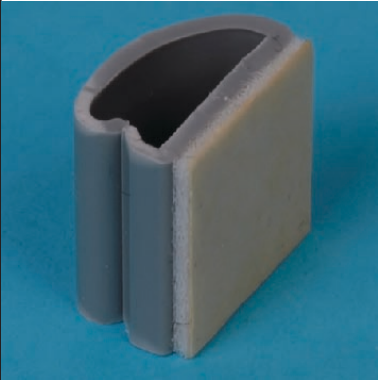
D



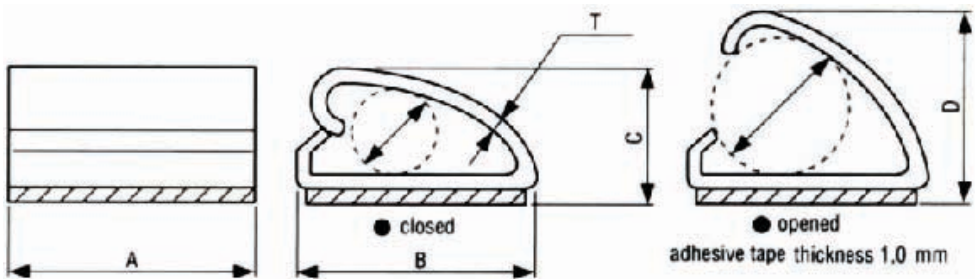
Part No.	Length mm	Dimensions			Bundle Diameter D	Package
		B mm	C mm	T mm		
D-0125	1000	13.0	7.8	1.0	Ø5	100
D 0250		19.5	11.8	1.2	Ø7	
D-0500		28.4	14.6	1.2	Ø11	50
D-0750		38.2	19.2	1.5	Ø15	

Material: PVC
Flame class: 94 V-2
Color: Gray
Std. Package: 50 / 100 pcs.

Shell Clip



SC



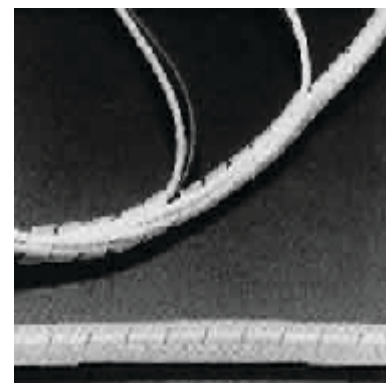
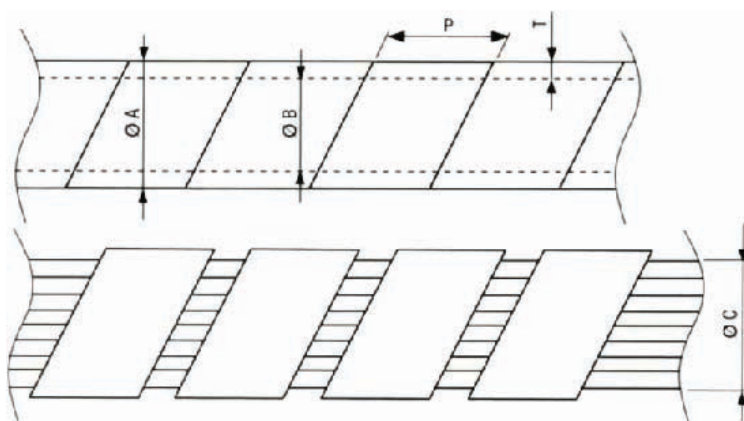
Material: PVC
Flame class: 94 V-2
Color: Gray
Std. Package: 100 pcs.

Part No.	Dimensions mm					Bundle Ø mm	
	A	B	C	D	T	E	F
SC-0507	13	13.0	8.0	11	1.0	Ø5	Ø7
SC-0711	20	19.5	10.8	16	1.2	Ø7	Ø11
SC-1115	25	28.4	14.6	20	1.2	Ø11	Ø15
SC-1519	32	38.2	19.2	25	1.5	Ø15	Ø19



RoHS compliant

Spiral Tube



SPP - SPN - SPF

Material	Part No.	Diameter		Wall T mm Thickness	Pitch P mm	Bundle ØC Diameter	Spool
		Outer ØA mm	Inner ØB mm				
Polyethylene	SPP-04L	4.2	2.6	0.80	6.0	Ø3 - 7	100 m
	SPP-06L	6.0	4.0	1.00	8.0	Ø4 - 12	
	SPP-08L	8.0	6.0		10.0	Ø6 - 18	
	SPP-11L	11.0	8.0	1.50	12.0	Ø8 - 25	50 m
	SPP-12L	12.0	9.0			Ø9 - 28	
	SPP-13L	13.0	10.0			Ø10 - 30	
	SPP-15L	15.0	12.0		15.0	Ø12 - 35	
	SPP-18L	18.0	15.0		20.0	Ø15 - 45	
	SPP-24L	24.0	20.0	2.00	22.0	Ø20 - 60	25 m
	SPP-29L	29.0	25.0		28.0	Ø25 - 75	
Nylon	SPN-04L	3.6	2.6	0.50	6.0	Ø3 - 7	100 m
	SPN-06L	5.5	4.0	0.75	8.0	Ø4 - 12	
	SPN-08L	7.5	6.0		10.0	Ø6 - 18	
	SPN-11L	10.6	9.0	0.80	12.0	Ø9 - 28	50 m
	SPN-15L	13.6	12.0		15.0	Ø12 - 35	
	SPN-18L	16.6	15.0		20.0	Ø15 - 45	
	SPN-24L	21.6	20.0		22.0	Ø20 - 60	25 m
	SPN-29L	27.0	25.0	1.00	28.0	Ø25 - 75	
Tefzel	SPF-04	4.2	2.6	0.80	6.0	Ø3 - 7	100 m
	SPF-06	6.0	4.0	1.00	10.0	Ø4 - 12	
	SPF-12	12.0	9.0	1.50	12.0	Ø9 - 28	50 m

Material:	See Table
Flame class:	SPP/SPN=HB, SPF=V0
Color:	Natural
Std. Package:	See Table

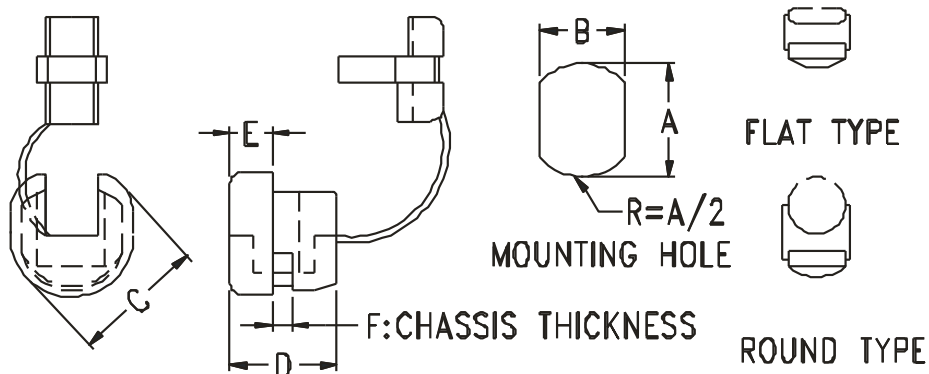


RoHS compliant

Strain Relief Bushing



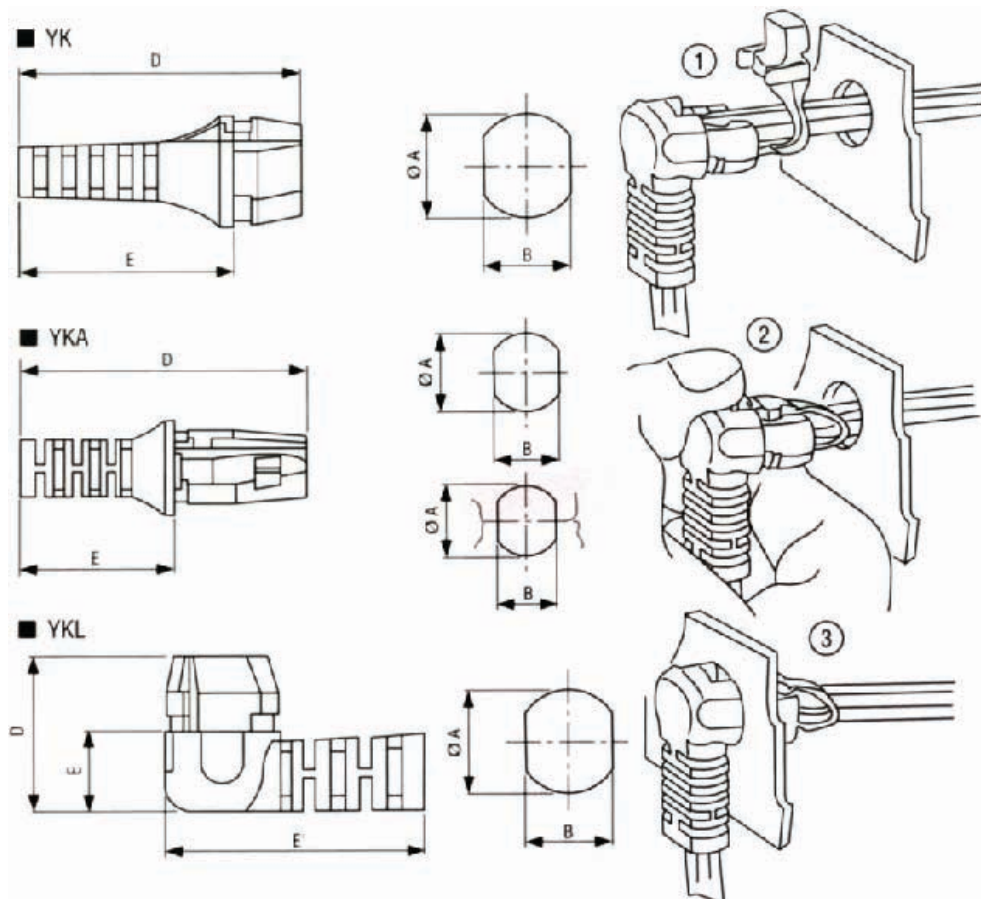
KY xx-x



Material: Nylon 66 (UL), Flame class: 94 V-2, Color: Black

Part No.	Will fit these cable		Chassis dimension		Chassis thickness	Dimension			Section shape	Pack-age
	UL/CSA Description	Size	A mm	B mm	F mm	C mm	D mm	E mm		
KY 2P-4	SPT-1	φ 3X5.6	9.9	8.7	0.8-1.6	10.8	10.4	4.0	Flat type	1000
KY 3P-4	SPT-1		11.0	9.9		12.1		3.2		
KY 3W-1	SPT-1				1.9-2.5	12.5				
KY 4N-4	SPT-2	φ 3.71X7.6	12.7	11.8	0.8-1.6	13.9	10.5	4.0		
		φ 3.8X7.6	13.1							
KY 4K-4	SPT-2	φ 3.71X7.6	12.7	11.8	1.9-2.5					
		φ 3.8X7.6	13.1							
KY 5N-4	SVT	φ 6.4-7.4	12.7	11.5	0.8-1.6	14.2	10.9	4.2	Round type	500
KY 5P-4	SVT				1.9-2.5					
KY 6N-4	SJT3C#18	φ 7.6	15.9	14.0	0.8-1.6	17.8	14.8	5.6		
KY 6P-4	SJT3C#18				1.9-3.2	17.6				
KY 6N3-4	SJT3C#16	φ 8.2-9.2			0.8-1.6	17.8	15.0	5.8		
KY 6P3-4	SJT3C#16				1.9-3.2	17.3	14.8			
KY 7N-2	SJT3C#14	φ 9.2-10.5	19.0	16.5	0.8-1.6	21.5	19.1	7.8		100
		φ 11.0	19.8							
KY 7P-2	SJT3C#14	φ 9.2-10.5	19.0		1.9-3.2	21.7	19.4			
		φ 11.0	19.8							

YK Bushing



YK

Part No.	Applicable wire	Hole dimensions		D mm	E mm	Panel thickness F	Package
		ØA mm	B mm				
YK-1	3.3 x 6.6	14.4	12,0	40.0	30.8	2.0	500
	3.6 x 7.2	14.8					
YK-2	2.8 x 5.6	10.9	9.5	23.0	14.0	2.4	100
YKA-1	0.75 mm ²	14,8	13.3	56.0	30.0	2.2	100
	4.5 x 6.2	14,0	13.4				
	5.4 x 8.0	14.5	13.3				
YKL-1	3.3 x 6.6	12.7	11.1	20.4	10.4	2.0	500
	3.6 x 7.2	13.2					

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Black
Std. Package:	100 / 500 pcs.



RoHS compliant

[illegible]

- **Grommets, Bushings & Insulators**

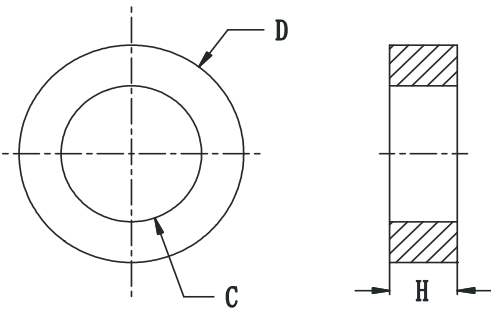


RoHS compliant

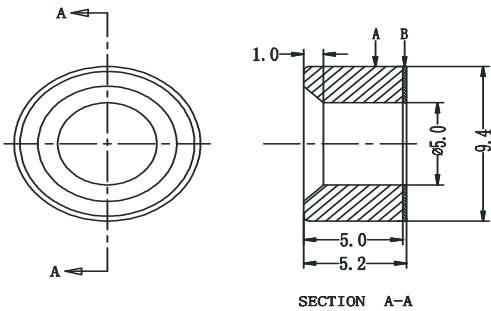
Nylon Spacer



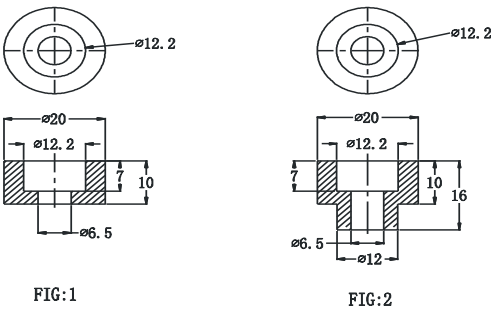
OT / X



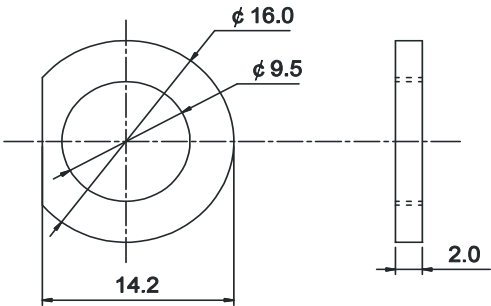
Part No.	C mm	D mm	H mm
611-30150016	Ø 3,70	Ø 6,45	15,2
611-30150014	Ø 9,85	Ø 15,75	4,75
611-30150004	Ø 11,3	Ø 16,15	3,25
Material: PA66			



Part No.			
OT-T5-V0	A		can be adhesiv the back
OT-T5-AT	B	NITTO 500	
OT-T5-V0-AT	A+B		
Material: PA6 C3U			



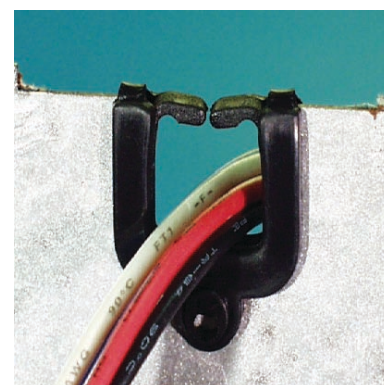
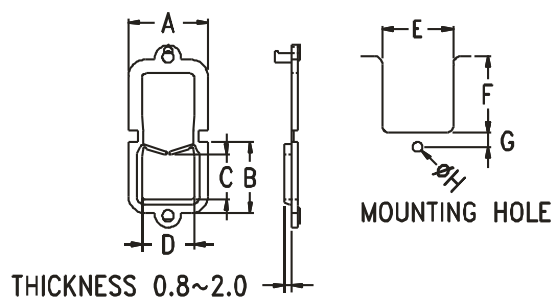
Part No.	FIG NO.
X-T10N	FIG.1
X-T16N	FIG.2
Material: PA66 + 33% GF	



Part No.	OT-T2N
Material:PA + 33% GF	

Color:	Natural
Std. Package:	1.000 pcs.

Edging Saddle

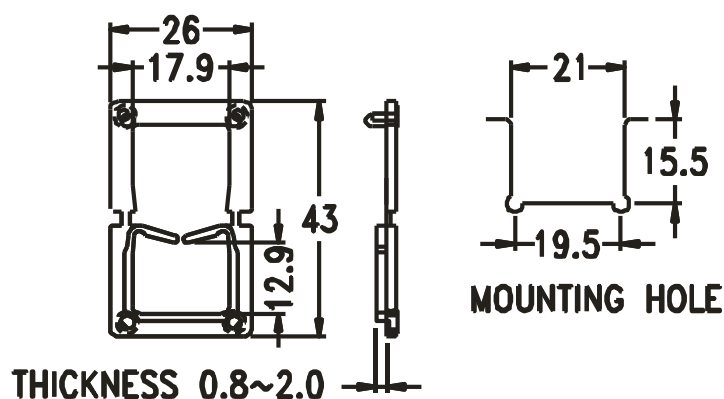


TRF-1/2

Part No.	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm
TRF-1	18.4	14.5	8.9	11.0	14.0	12.3	2.7	2.7
TRF-2	21.5	18.8	11.9	13.9	17.2	18.5	3.5	3.0

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Black
Std. Package:	500 pcs.

Edging Saddle

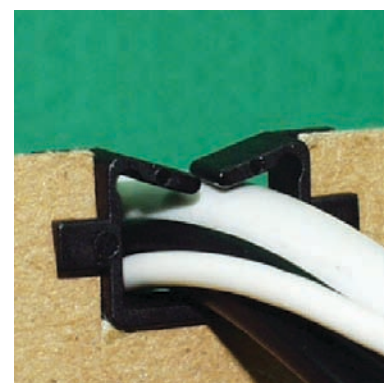
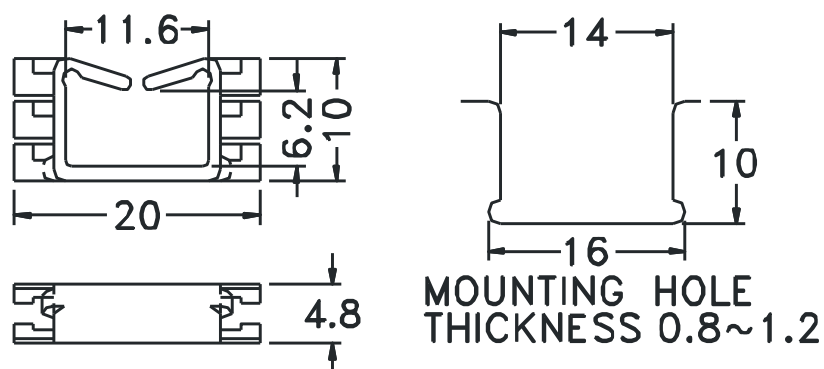


TRF-3

Part No.	Package
TRF-3	500

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Black
Std. Package:	500 pcs.

Edging Saddle

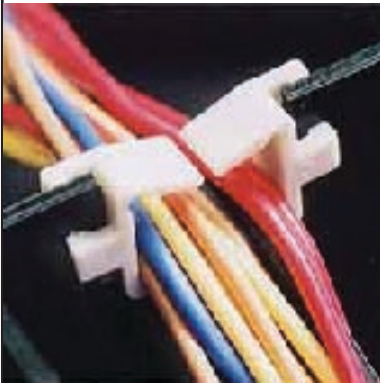


TRG-1

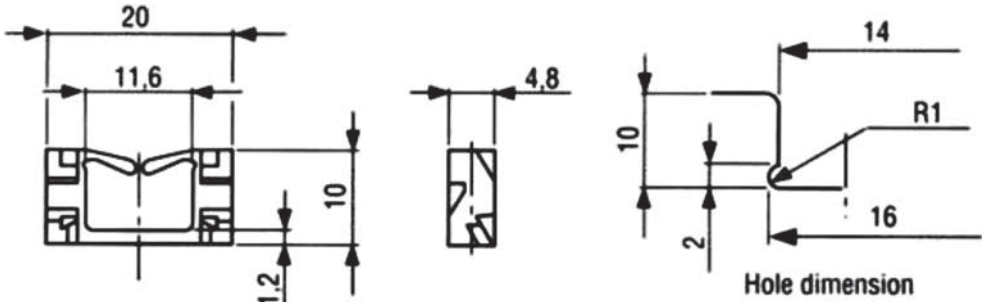
Part No.	Package
TRG-1	500

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Black
Std. Package:	500 pcs.

Edging Saddle



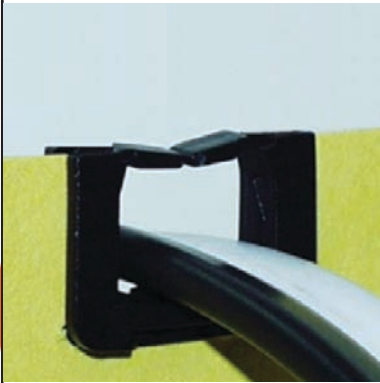
EDS



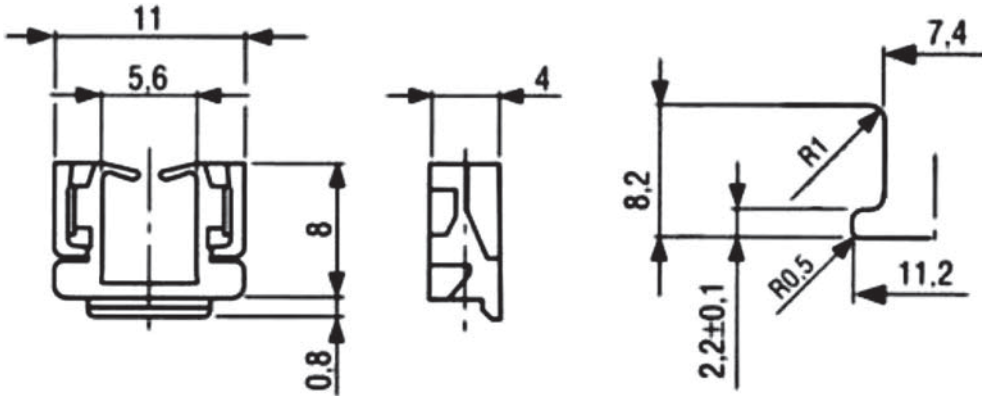
Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	See table
Std. Package:	100 pcs.

Part No.	Panel thickness	Color
EDS-1	0.8 - 1.2	black
EDS-2	1.2 - 1.6	natural
EDS-3	1.6 - 2.0	gray

Edging Saddle



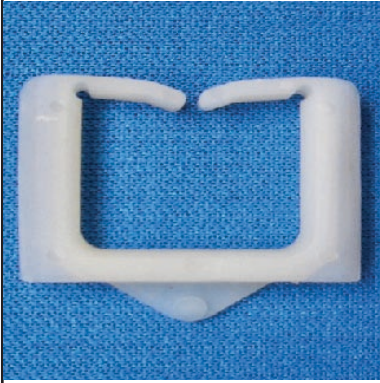
EDS-0607M



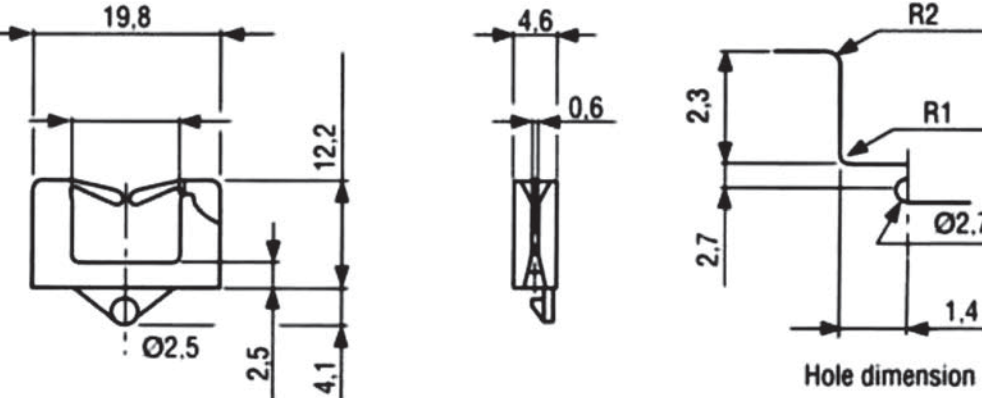
Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Black
Std. Package:	100 pcs.

Part No.	Panel thickness
EDS-0607M	0.8 - 1.2

Edging Saddle



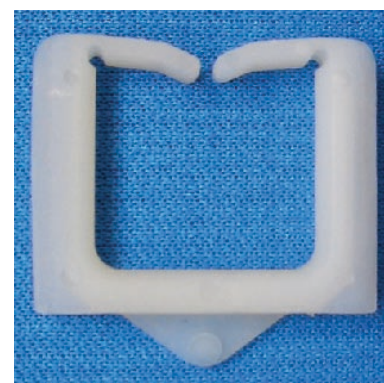
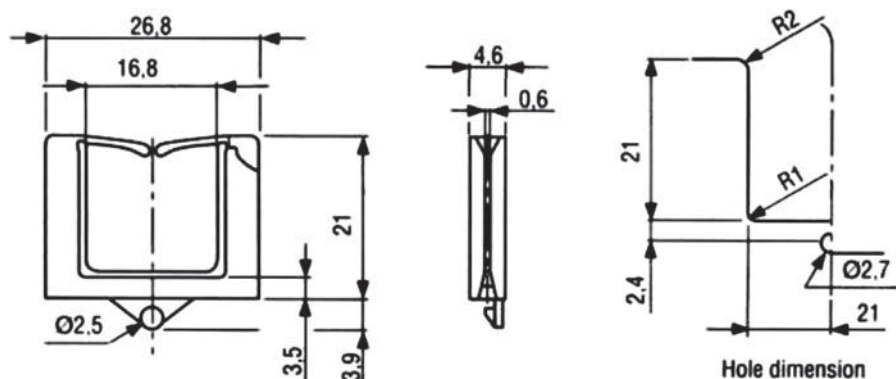
EDS-1208U



Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 pcs.

Part No.	Panel thickness
EDS-1208U	0.8 - 1.6

Edging Saddle

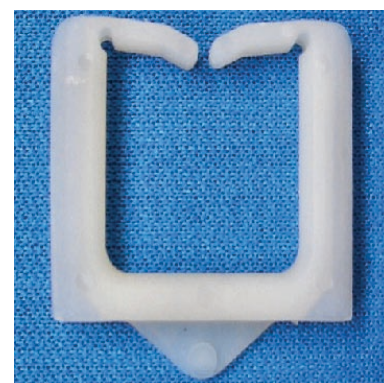
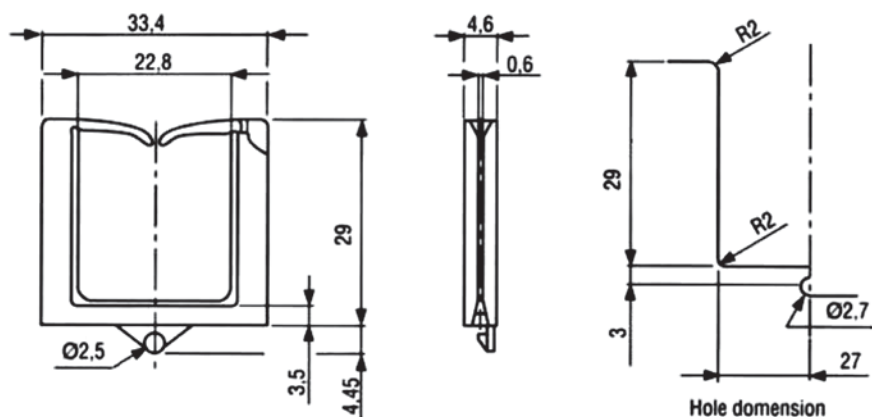


EDS-1717U

Part No.	Panel thickness
EDS-1717U	0.8 - 1.6

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 pcs.

Edging Saddle

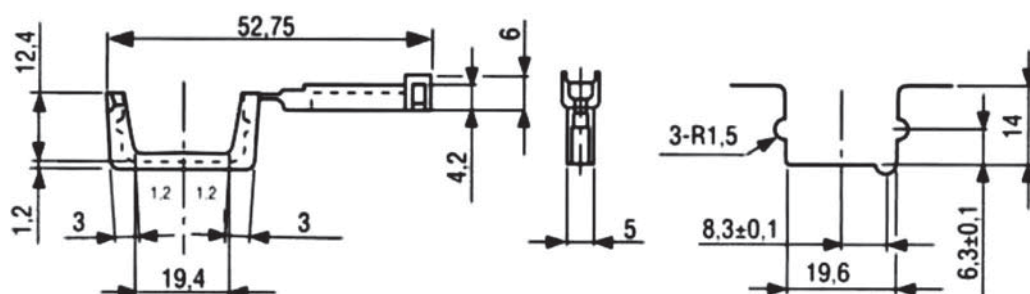


EDS-2323U

Part No.	Panel thickness
EDS-2323U	0.8 - 1.6

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	100 pcs.

Edging Saddle



EDS-17L

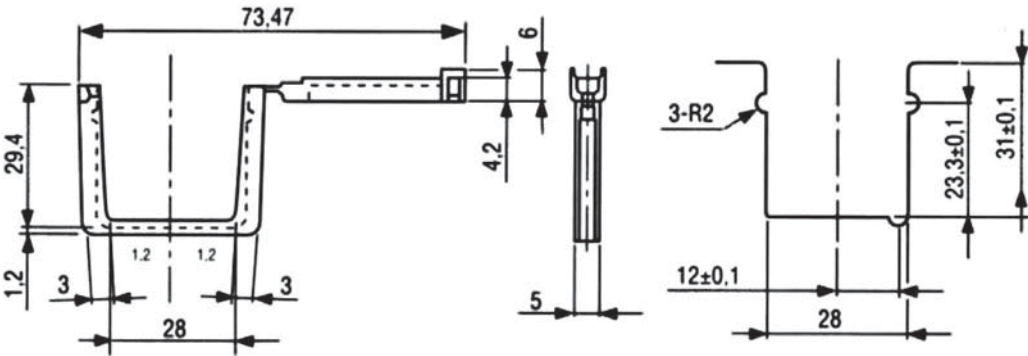
Part No.	Panel thickness
EDS-17L	0.8 - 2.2

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Black
Std. Package:	500 pcs.

Edging Saddle



EDS-25L



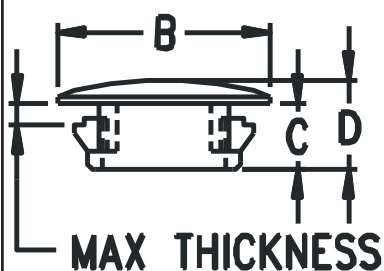
Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Black
Std. Package:	500 pcs.

Part No.	Panel thickness
EDS-25L	0.8 - 2.2

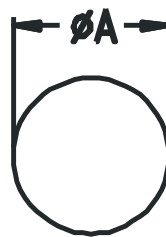


RoHS compliant

Hole Plugs



MOUNTING HOLE

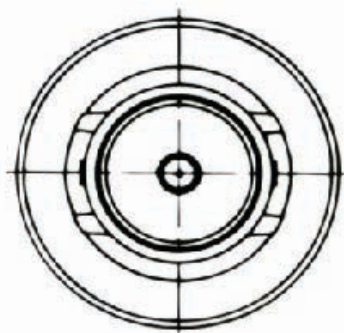
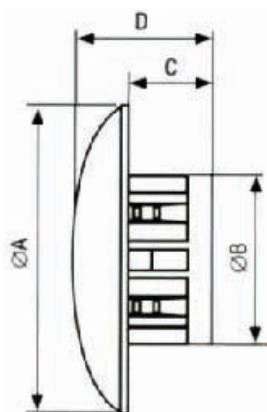


N

Part No.	A mm	B mm	C mm	D mm	Thick-ness	Package
N04	4.8	6.35	4.5	5.5	1.6	2000
N06	6.4	7.6		5.6		
N09S	9.5	13.0	4.1	5.5	1.4	1000
N13.5	13.5	15.2	5.0	6.2	2.2	500
N16S	15.9	20.0	6.5	7.7	2.0	

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	See table

Dust Proof Bushing



DDB

Part No.	ØA mm	ØB mm	C mm	D mm	Hole Diameter	Panel Thickness	Applicable Cable
DDB-1216	26	15	7.2	11.6	Ø16	1 - 3.2	Ø3 - Ø6
DDB-1520	30	19	6.8	12.4	Ø20		Ø3 - Ø9
DDB-2428	38	27		11.8	Ø28		Ø3 - Ø16

Material:	Soft part: Urethane Elastomer Hard part: Polyester Plastic
Flame class:	94 V-2
Color:	Grey
Std. Package:	100 pcs.

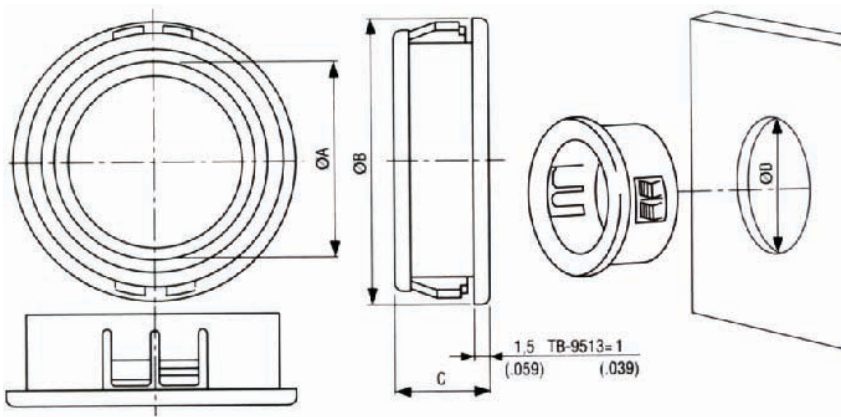


RoHS compliant

Snap Bushing



TB



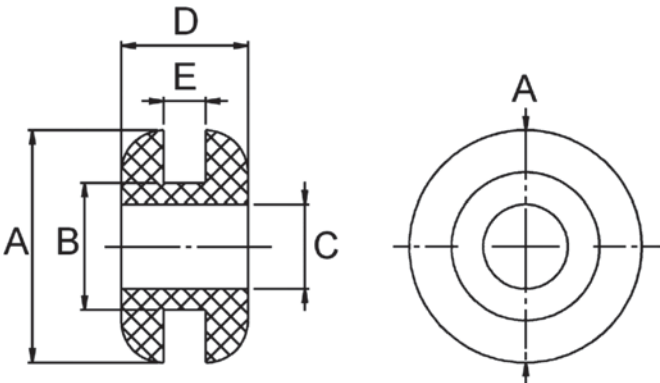
Material:	Nylon 6 (UL)
Flame class:	94 V-2
Color:	Black
Std. Package:	100 pcs.

Part No.	A mm	D mm	B mm	C mm
TB-0813	8.0	13.0	15.0	10.5
TB-1116	11.0	16.0	19.0	11.0
TB-1520	15.0	20.0	23.0	
TB-1926	19.0	26.0	29.0	12.0
TB-2533	25.0	33.0	36.0	
TB-2938	29.0	38.0	41.4	
TB-3545	35.0	44.5	48.0	
TB-9513	9.5	13.0	14.5	5.3

Hole Grommet



KIG

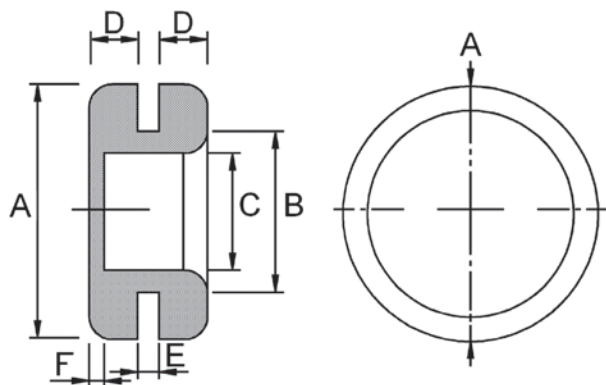


Material:	Rubber
Flame class:	94 V-2
Color:	Black
Std. Package:	100 pcs.

Part No.	A mm	B mm	C mm	D mm	E mm
KIG-29201	Ø 8,73	Ø 4,76	Ø 3,18	4,76	1,59
KIG-29202	Ø 9,53	Ø 6,35	Ø 3,97		
KIG-29203	Ø 8,73		Ø 3,18		
KIG-29204	Ø 11.90	Ø 7,94	Ø 5,55	3,18	0,79
KIG-29205	Ø 11,11		Ø 4,76	4,76	1,59
KIG-29206				6,35	2,38
KIG-29207			Ø 5,55	4,76	1,59
KIG-29208			Ø 3,18	5,55	
KIG-29209	Ø 14 29	Ø 9,53	Ø 6,35	6,35	
KIG-29211	Ø 15.88	Ø 11,11	Ø 7,94		
KIG-29212	Ø 17.46	Ø 12,70	Ø 9,53	7,14	1,59
KIG-29216	Ø 25.40	Ø 19,05	Ø 6,35	6,35	
KIG-29217			Ø 7,94	7,94	
KIG-29218				8,73	2,38

RoHS compliant

Diaphragm Grommet

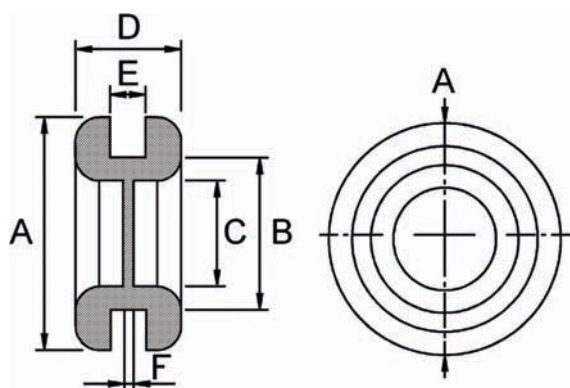


KIGDB

Part No.	A mm	B mm	C mm	D mm	E mm	F mm
KIGDB-29251	Ø 17,5	Ø 11,0	Ø 8,0	3,3	1,5	1,0
KIGDB-29252	Ø 16,0	Ø 12,0	Ø 9,0	2,5	2,0	
KIGDB-29253	Ø 15,5	Ø 12,5	Ø 9,5	2,5	1,5	
KIGDB-29254	Ø 19,0	Ø 16,0	Ø 11,0	3,3		
KIGDB-29255	Ø 25,5	Ø 19,0	Ø 16,0	2,8		
KIGDB-29256		Ø 22,0	Ø 19,0	3,3		
KIGDB-29257	Ø 30,0	Ø 25,5	Ø 20,5			

Material: Rubber
 Flame class: 94 V-2
 Color: Black
 Std. Package: 100 pcs.

Diaphragm Grommet



KIGD

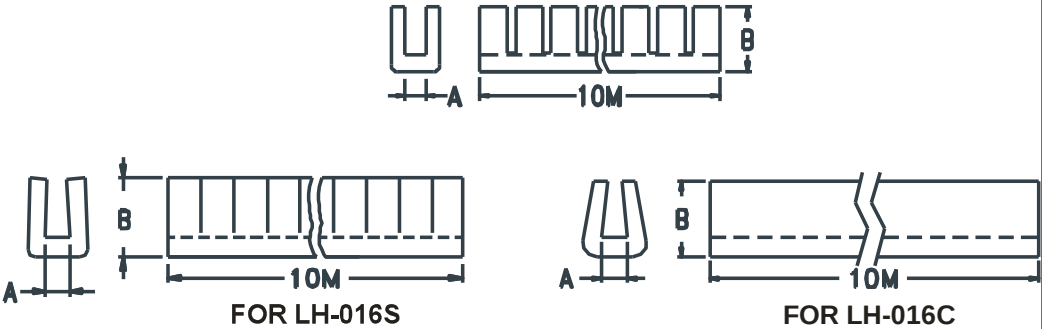
Part No.	A mm	B mm	C mm	D mm	E mm	F mm
KIGD-29301	Ø 20,0	Ø 13,0	Ø 9,0	9,0	3,0	1,0
KIGD-29302	Ø 19,0	Ø 16,0	Ø 11,0	6,0	1,5	
KIGD-29303	Ø 22,0		Ø 12,5	8,0	2,4	
KIGD-29304	Ø 24,0	Ø 20,0	Ø 13,5	7,0	2,0	
KIGD-29305	Ø 25,5	Ø 19,0	Ø 14,0	8,0	1,5	
KIGD-29306		Ø 20,0			2,0	
KIGD-29307		Ø 19,0	Ø 16,0			
KIGD-29308	Ø 36,5	Ø 25,5	Ø 19,0	8,5	2,4	
KIGD-29309	Ø 34,5	Ø 28,0	Ø 21,0	8,0	2,0	
KIGD-29310	Ø 38,0	Ø 32,0	Ø 25,5		2,4	
KIGD-29311	Ø 43,0	Ø 36,5	Ø 29,0	9,5	2,2	
KIGD-29312	Ø 49,0	Ø 42,0	Ø 31,0	10,0	2,4	

Material: Rubber
 Flame class: 94 V-2
 Color: Black
 Std. Package: 100 pcs.

Moveable Bushing



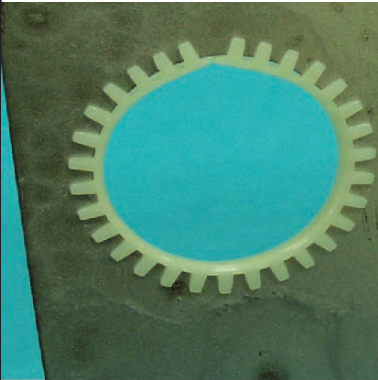
LH



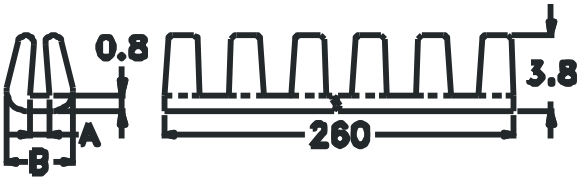
Material: Nylon 66 (UL)
Flame class: 94 V-2
Color: Natural
Std. Package: 10 M

Part No.	A mm	B mm	Chassis Thickness
LH-010	1.1	5.2	0.9-1.1
LH-012	1.3	5.4	1.1-1.3
LH-016	1.7	5.4	1.45-1.75
LH-016S	1.7	5.4	1.45-1.75
LH-016C	1.7	5.4	1.45-1.75
LH-020	2.2	5.4	1.85-2.2
LH-024	2.7	5.7	2.25-2.6
LH-030	3.3	6.1	2.85-3.25
LH-040	4.3	6.5	3.85-4.25

Moveable Bushing



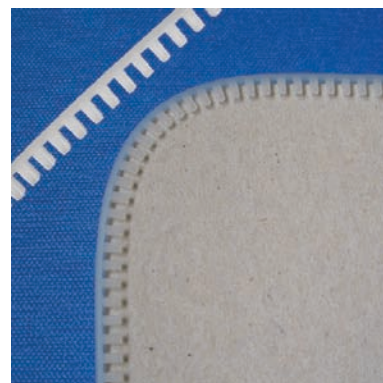
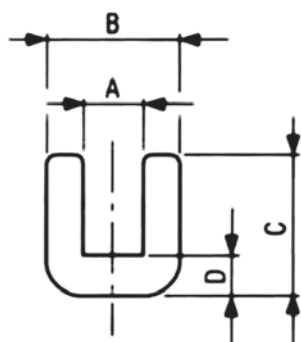
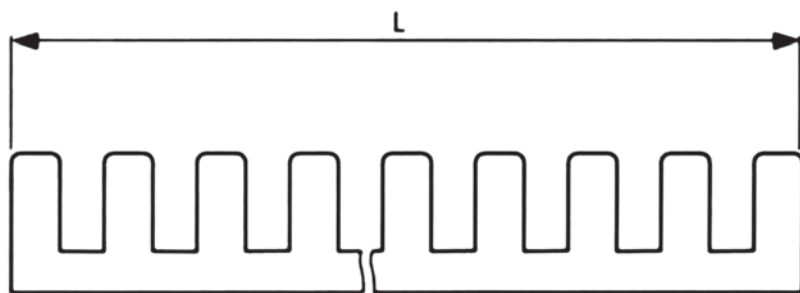
LH-N



Material: Nylon 66 (UL)
Flame class: 94 V-2
Color: Natural
Std. Package: 500 pcs.

Part No.	A mm	B mm	Chassis Thickness
LH-006N	0.6	3.1	0.5-0.7
LH-008N	0.8	3.1	0.7-0.9
LH-010N	1.0	3.3	0.9-1.1
LH-012N	1.2	3.5	1.1-1.3
LH-014N	1.4	3.65	1.3-1.5
LH-016N	1.6	3.9	1.4-1.7
LH-020N	2.0	4.3	1.8-2.0
LH-030N	3.0	6.2	2.5-3.0

Flexible Injection Molded Grommet KG



KG

Part No.	A mm	B mm	C mm	D mm	L mm
KG-016L	1,7	3,7	4,0	1,2	500
KG-024L	2,4	4,4			

KG-016L , KG-024L (material 6/6 nylon)
also UL approved as finished products.

Part No.	A mm	B mm	C mm	D mm	L mm
KG-008	0,9	2,9	4,0	1,2	250,6
KG-010	1,1	3,1			
KG-012	1,3	3,3			
KG-016	1,7	3,7			252,0
KG-024	2,4	4,4			
KG-032	3,3	5,3			
KG-045	5,0	8,2	6,0	2,0	320,0
KG-062	6,5	9,7			
KG-082	8,2	11,4	6,5		
KG-107	10,7	13,9			
KG-132	13,2	16,4			
KG-014F	1,2	3,8	4,0		
KG-023F	2,4	4,4	4,2	1,3	
KG-033F	3,3	5,3			

Material:	Nylon 6 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	100

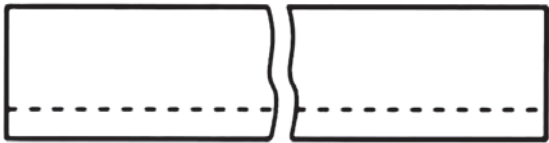
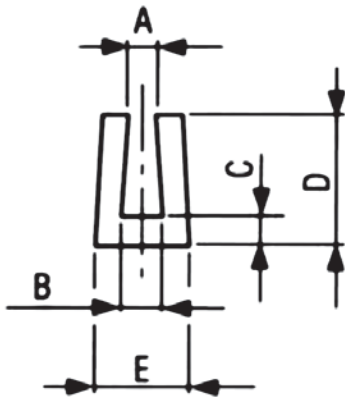


RoHS compliant

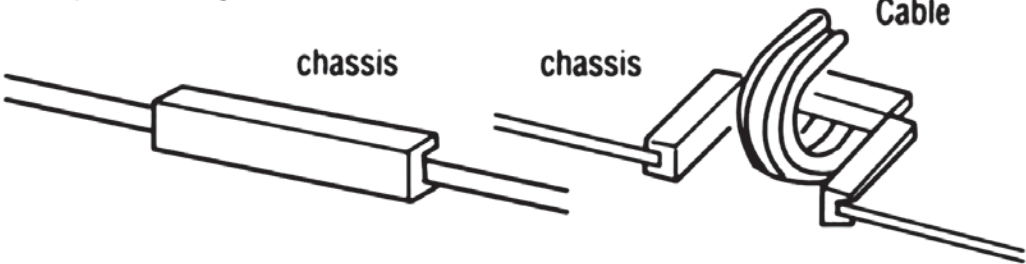
Edging CE



CE



● Example



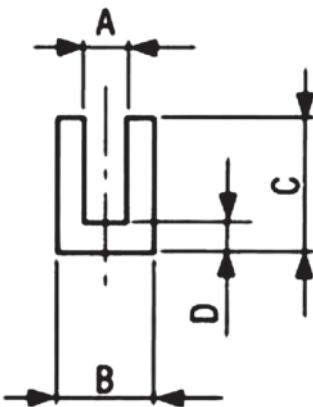
Material: Nylon 6 (UL)
Flame class: 94 -HB
Color: Natural
Std. Package: 100 x 1m

Part No.	Panel thickness	A mm	B mm	C mm	D mm	E mm
CE-012S	0,6 - 0,8	0,5	1,3	1	5	3,3
CE-012	1,0 - 1,2	0,6				
CE-016	1,2 - 1,6	0,9	1,7			3,7
CE-024	1,6 - 2,3	1,2	2,4			4,4
CE-032	2,3 - 3,2	1,5	3,3			5,3

Flexible Extruded Grommet CSG



CSG



Material: Nylon 6 (UL)
Flame class: 94 -HB
Color: Natural
Std. Package: 100 x 1m

Part No.	Panel thickness	A mm	B mm	C mm	D mm
CSG-012	1,2	1,3	3,3	5,0	1,0
CSG-016	1,6	1,7	3,7	5,2	1,2
CSG-024	2,3	2,4	4,4		
CSG-032	3,2	3,3	5,3		

RoHS compliant



Chapter G

- **Bumpers & Feet, Rivets, Screws & Nuts**



RoHS compliant

R Type Rivet



NRP

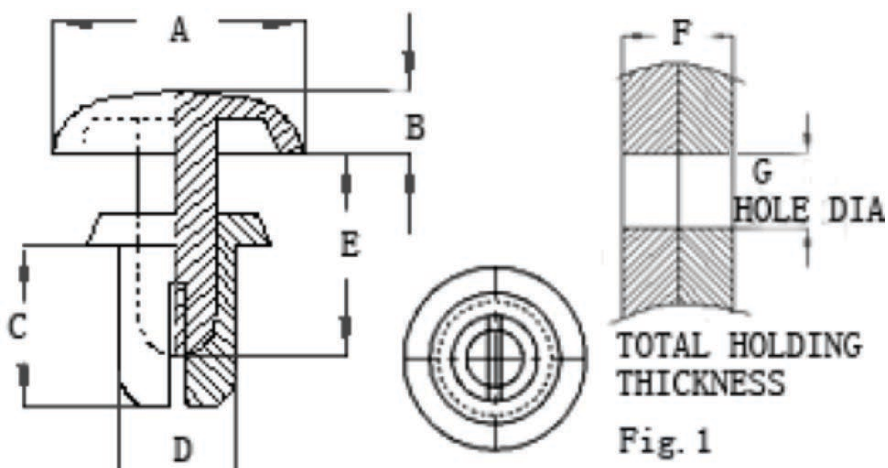
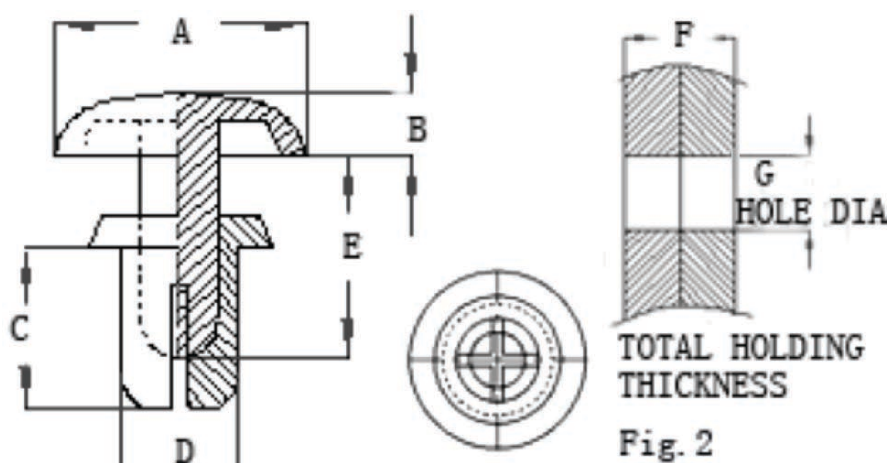


Fig. 1

Part No.	Color	Hole Dia	Panel Thick	A mm	B mm	C mm	D mm	E mm	Extraction Force	Fig No.
NRP2024	W .B	2,1	0.6-1.2	4,2	1,2	2,4	2	3,8	3KG	1
NRP2032	W .B		1.3-2.0			3,2		3,8		
NRP2040	W .B		2.1-2.8			4		5,5		
NRP2048	W .B		2.9-3.6			4,8		5,5		
NRP2056	W .B		3.7-4.4			5,6		7,2		
NRP2064	W .B		4.5-5.2			6,4		7,2		
NRP2632	W .B	2,7	1.0-2.0	5	1,4	3,2	2,6	4,6	5KG	
NRP2642	W .B		2.1-3.0			4,2		4,6		
NRP2648	W .B		2.7-3.6			4,8		6,2		
NRP2655	W .B		3.4-4.3			5,5		6,2		
NRP2664	W .B		4.3-5.2			6,4		7,8		
NRP2672	W .B		5.1-6.0			7,2		7,8		
NRP3035	W .B	3,1	1.0-2.0	6,4	1,6	3,5	3	5,1	8KG	
NRP3045	W .B		2.0-3.0			4,5		6,1		
NRP3055	W .B		3.0-4.0			5,5		6,1		
NRP3065	W .B		4.0-5.0			6,5		7,1		
NRP3075	W .B		5.0-6.0			7,5		9		
NRP3080	W .B		5.5-6.5			8		9		
NRP3090	W .B		6.5-7.5			9		11		
NRP3100	W .B		7.5-8.5			10		11		
NRP3230	W .B		20.5-21.5			23		24		

Material: Nylon 6 or 46 (UL)
 Flame class: 94 V0 or V-2
 Color: White or Black
 Std. Package: 1.000 pcs.

R Type Rivet



NRP

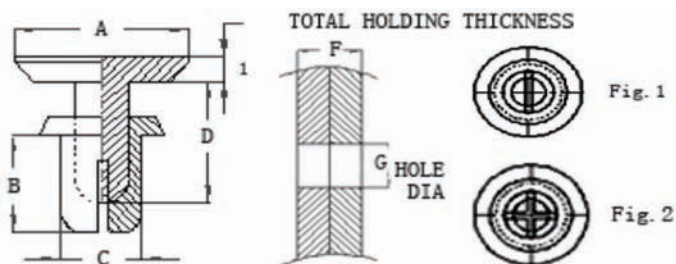
Part No.	Color	Hole Dia	Panel Thick	A mm	B mm	C mm	D mm	E mm	Extraction Force	Fig No.
NRP3535	W .B	3,6	1.1-2.1	6,4	1,6	3,5	3,5	5,1	12KG	2
NRP3545	W .B		2.2-3.1			4,5		6,1		
NRP3550	W .B		2.7-3.6			5		6,1		
NRP3555	W .B		3.2-4.1			5,5		7,1		
NRP3560	W .B		3.7-4.6			6		7,1		
NRP3570	W .B		4.7-5.6			7		9		
NRP3580	W .B		5.7-6.6			8		9		
NRP4050	W .B	4,1	2.5-3.5	8	1,8	5	4	7,1	20KG	
NRP4060	W .B		3.5-4.5			6		7,1		
NRP4070	W .B		4.5-5.5			7		9		
NRP4080	W .B		5.5-6.5			8		9		
NRP4090	W .B		6.5-7.5			9		11		
NRP4100	W .B		7.5-8.5			10		11		
NRP4120	W .B		9.0-10.5			12		14		
NRP5045	W .B	5,1	1.5-2.5	9	2,2	4,5	5	6,5	25KG	
NRP5055	W .B		2.5-3.5			5,5		6,5		
NRP5065	W .B		3.5-4.5			6,5		8,5		
NRP5075	W .B		4.5-5.5			7,5		8,5		
NRP5085	W .B		5.5-6.5			8,5		10,5		
NRP5095	W .B		6.5-7.5			9,5		10,5		
NRP5105	W .B		7.5-8.5			10,5		12		
NRP6060	W .B	6,1	2.5-4.0	12	2,5	6	6	9	30KG	
NRP6080	W .B		4.0-5.5	3	8	10				

Material: Nylon 6 or 46 (UL)
 Flame class: 94 V0 or V-2
 Color: White or Black
 Std. Package: 1.000 pcs.

H Type Rivet



SI



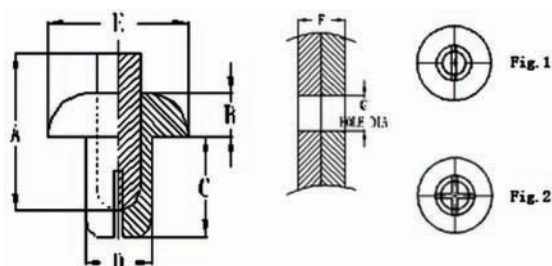
Material: Nylon 66 (UL)
Flame class: 94 V-2
Color: White or Black
Std. Package: 1.000 pcs.

Part No	Hole Dia	Panel Thick	A mm	B mm	C mm	D mm	Fig.No
SI3035	3,1	1.0-2.0	6,4	3,5	3	6,5	1
SI3045	3,1	2.0-3.0	6,4	4,5	3	6,5	
SI3055	3,1	3.0-4.0	6,4	5,5	3	6,6	
SI3065	3,1	4.0-5.0	6	6,5	3	10	
SI3075	3,1	5.0-6.0	6	7,5	3	10	
SI3080	3,1	5.5-6.5	6	8	3	10	
SI3535	3,6	1.0-2.0	6,4	3,5	3,5	6,5	2
SI3545	3,6	2.0-3.0	6,4	4,5	3,5	6,5	
SI3555	3,6	3.0-4.0	6	5,5	3,5	10	
SI3560	3,6	3.5-4.5	6	6	3,5	10	
SI3570	3,6	4.5-5.5	6	7	3,5	10	
SI3580	3,6	5.5-6.5	6	8	3,5	10	

Push Rivet



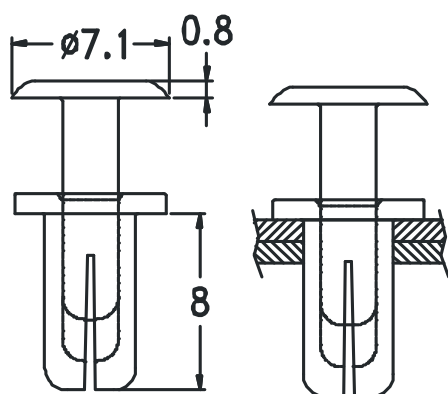
NRS



Material: Nylon 66 (UL)
Flame class: 94 V-2
Color: White or Black
Std. Package: 1.000 pcs.

Part No.	Hole Dia.	Panel Thick-ness	A mm	B mm	C mm	D mm	E mm	Fig.No
NRS3045	3,1	2.0-3.0	8,5	2,2	4,5	3,0	5,8	1
NRS3055	3,1	3.0-4.0			5,6			
NRS4050	4,1	2.5-3.5	8	2,2	5,0	4,0	9,2	2
NRS4060		3.5-4.5		2,2	6,0			
NRS4070		4.5-5.5		2,2	7,0		11,2	
NRS4080		5.5-6.5		2,2	8,0			
NRS5050	5,1	2.0-3.0	9,5	2,8	5,0	5,0	9,6	
NRS5060		3.0-4.0			6,0		11,6	
NRS5070		4.0-5.0			7,0			
NRS5080		5.0-6.0			8,0			
NRS5090		6.0-7.0			9,0		13,6	
NRS5100		7.0-8.0			10,0			
NRS5120		8.5-10.0			12,0		16	
NRS6060	6,1	2.5-4.0	11	1,5	6,0	6,0	9,4	

Snap Rivet



CHASSIS Ø4 THICKNESS 5.5~6.5

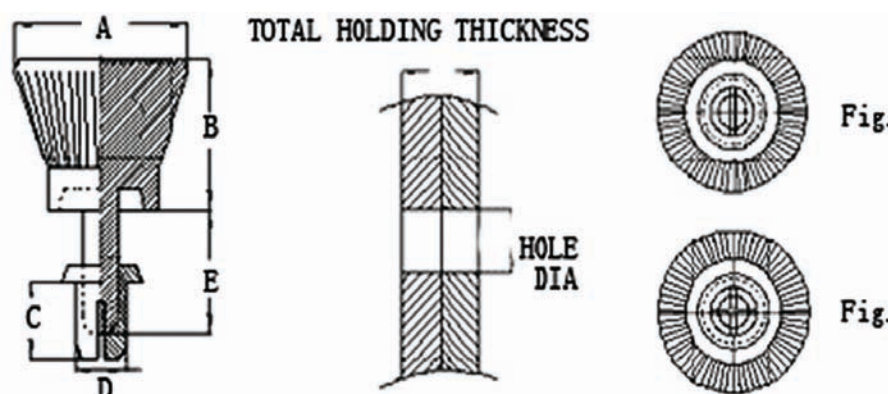
Part No.	Package
TSG4-8	1000



TSG4-8

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Black
Std. Package:	1.000 pcs.

Rivet Type T



SU

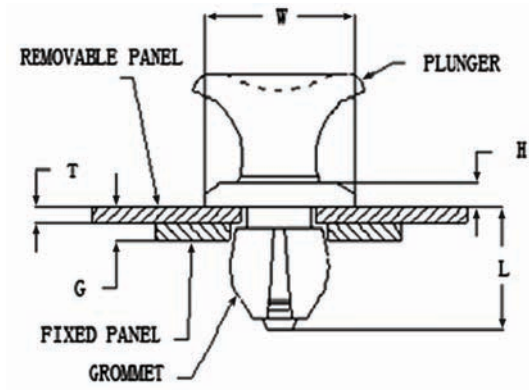
Part No	Color	Hole Dia	Panel Thick	A mm	B mm	C mm	D mm	E mm	Fig. No
SU3035	W. B	3,1	1.0-2.0	10	8	3,5	3	6,6	1
SU3045	W. B		2.0-3.0			4,5		6,6	
SU3055	W. B		3.0-4.0			5,5		6,6	
SU3065	W. B		4.0-5.0			6,5		9	
SU3075	W. B		5.0-6.0			7,5		9	
SU3080	W. B		5.5-6.5			8		9	
SU3535	W. B	3,6	1.0-2.0	10	8	3,5	3,5	6,6	2
SU3545	W. B		2.0-3.0			4,5		6,6	
SU3555	W. B		3.0-4.0			5,5		6,6	
SU3560	W. B		3.5-4.5			6		9	
SU3570	W. B		4.5-5.5			7		9	
SU3580	W. B		5.5-6.5			8		9	
SU4050	W. B	4,1	2.5-3.5	12	8	5	4	7,6	
SU4060	W. B		3.5-4.5			6		7,6	
SU4070	W. B		4.5-5.5			7		11,2	
SU4080	W. B		5.5-6.5			8		11,2	
SU4090	W. B		6.5-7.5			9		11,2	
SU4100	W. B		7.5-8.5			10		11,2	

Material:	Nylon 6 UL
Flame class:	94 V-2
Color:	White or Black
Std. Package:	1.000 pcs.

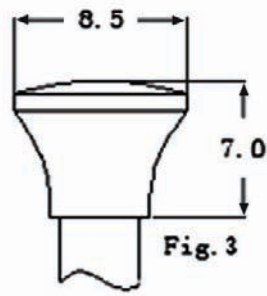
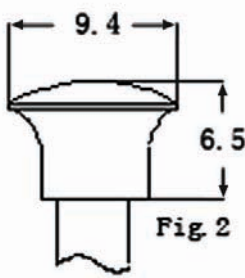
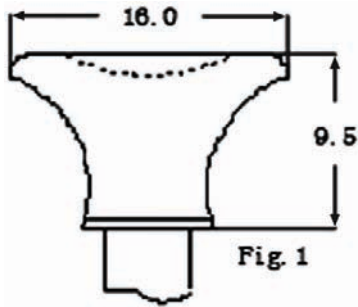
Snap Rivet



Material: Nylon 6 UL
Flame class: 94 V-2
Color: White or Black
Std. Package: 1.000 pcs.



TMH / TMQM / TMQC

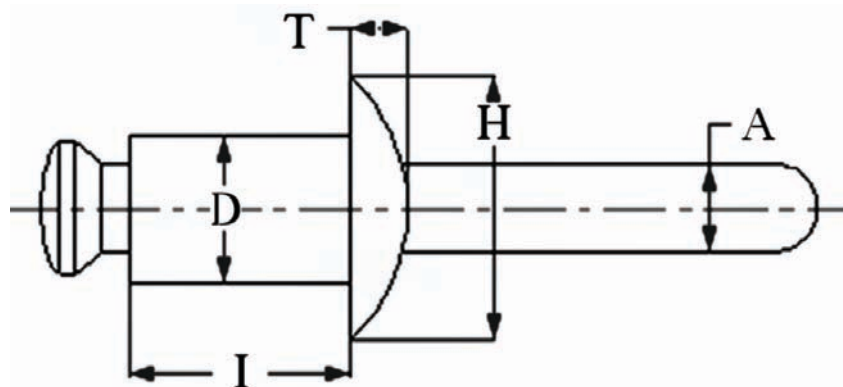


Part No.	W mm	H mm	L mm	T mm	G mm	Hole Dia		Part No.	Head Styles	Part No.	Head Styles
						Remo- vable	Fixed Panel				
TMH-GSL	10,8	2	8,6	1,1	1,5-3,7	7,6±0,1	8,1±0,1	TMQM-GSL	Fig.1	TMQC-GSL	Fig.2
TMH-1L			9	1,6	2,0-4,2			TMQM-1L		TMQC-1L	
TMH-2L			10	2,5	3,0-5,2			TMQM-2L		TMQC-2L	
TMH-3L			11,7	4,1	4,6-6,9			TMQM-3L		TMQC-3L	
TMH-4L			12,9	5,3	5,8-8,1			TMQM-4L		TMQC-4L	
TMH-1M	8,5	1,8	8	1,1	1,5-3,7	6,0±0,1	6,4±0,1	TMQC-1M	Fig.3		
TMH-2M			8,5	1,6	2,0-4,2			TMQC-2M			
TMH-3M			9,5	2,5	3,0-5,2			TMQC-3M			
TMH-4M			11	4,1	4,6-6,9			TMQC-4M			



RoHS compliant

Clinch Rivet



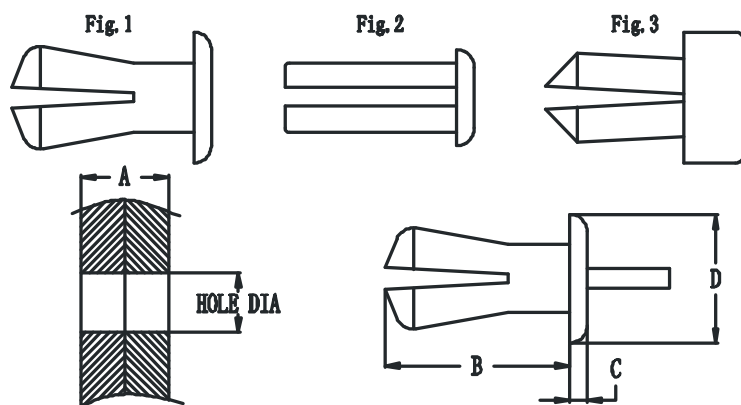
DS

Part No.	Mounting hole Dia.	Panel Thickness	D mm	I mm	H mm	T mm	A mm	Tensile strength	Shear strength
DS32-1	3,3	1,5-3,5	3,2	6,4	6,4	1,4	2,1	12KG	20KG
DS32-2		3,5-6,5		9,6					
DS32-3		6,5-9,5		12,7					
DS40-1	4,1	1,0-3,5	4	6,4	8	1,8	2,4	18KG	25KG
DS40-2		3,5-6,0		9,6					
DS40-3		6,0-9,0		12,7					
DS48-1	4,9	1,5-4,5	4,8	8	9,6	2	2,8	28KG	40KG
DS48-2		4,5-7,5		11,2					
DS48-3		7,5-10,5		14,4					
DS56-1	5,7	2,0-5,0	5,6	9,6	12	2,2	3,4	40KG	65KG
DS56-2		5,0-8,0		12,7					
DS56-3		8,0-11,5		15,9					

Add color number to the end of part number: Black=1, White=2, Grey=3, Beige=4

Material:	PC & Nylon 6UL
Flame class:	94 V-2
Color:	See Table
Std. Package:	1.000 pcs.

Push Rivet



QS

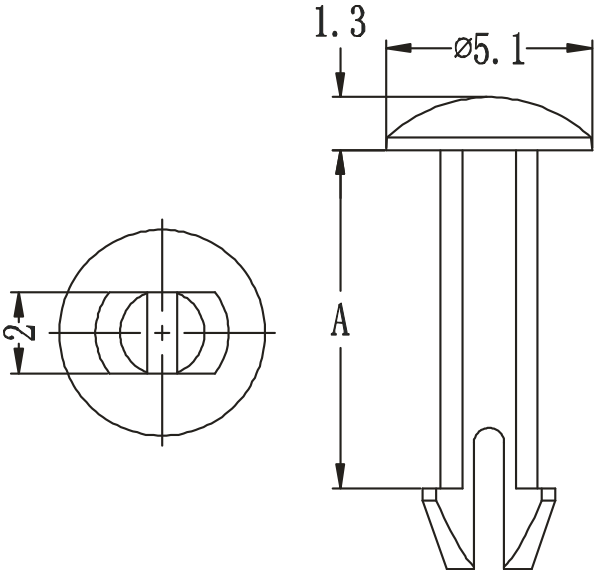
Part No.	Color	Hole Ø mm	Total Holding Thickness A mm	B mm	C mm	D mm	Fig. No.
QS-1	B / N	5.4	1.5 - 5.0	7.8	2.2	11.5	1
QS-5	B / N	4.8	1.0 - 9.5	10.7	1.6	7.1	2
QS-9	B / N	6.4	1.6 - 6.4	9.3	4.7	11.1	3

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Black or Natural
Std. Package:	1.000 pcs.

Lock Pin



BMQ



Hole Dia: 2.5mm

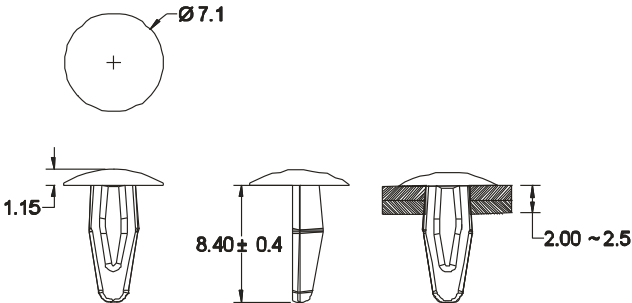
Material:	Nylon 66
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.

Part No.	A mm
BMQ-177	4.5
BMQ-221	5.6
BMQ-236	6.0
BMQ-245	6.2
BMQ-307	7.8
BMQ-316	8.0

Mount Plug



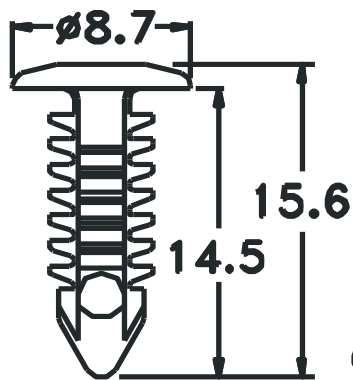
NQ-125



Material:	Nylon 6
Flame class:	94 V0
Color:	Natural or Black
Std. Package:	1.000 pcs.

Part No.	Mounting Hole Dia mm
NQ-125	3.1-3.22

Clinch Rivet

CHASSIS $\varnothing 4.5 \sim \varnothing 4.8$

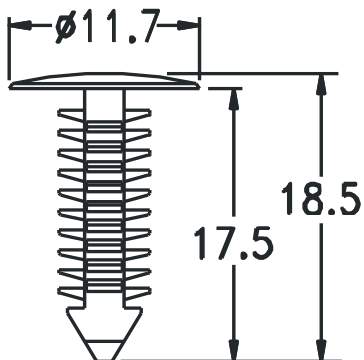
Part No.	Package
NCX-14	1000

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.



NCX-14

Clinch Rivet

CHASSIS $\varnothing 4.8$
THICKNESS 2.54~15.2

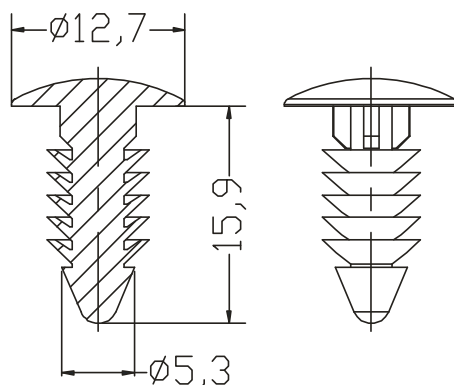
Part No.	Package
NCX-17	1000

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Black
Std. Package:	1.000 pcs.



NCX-17

Clinch Rivet

Hole Size:
6.35 mm

Parts are available in V0 material and other colors.

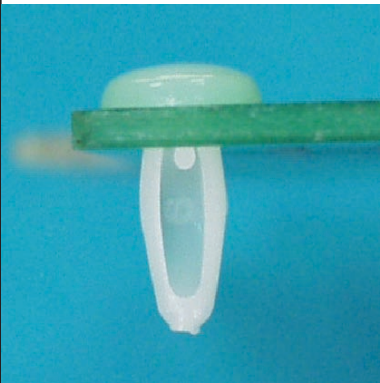
Part No.	Package
NCX-15	1000

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.

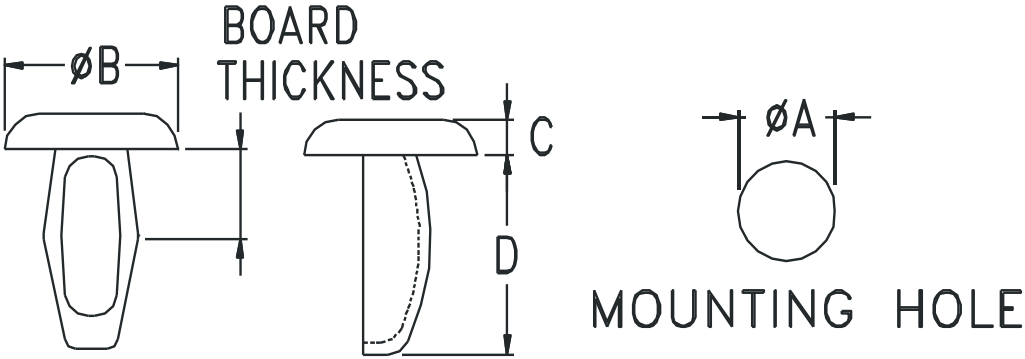


NCX-15

Mounting Button

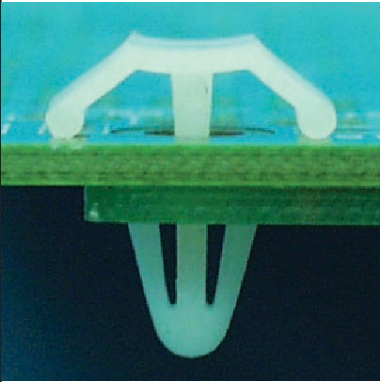


NC

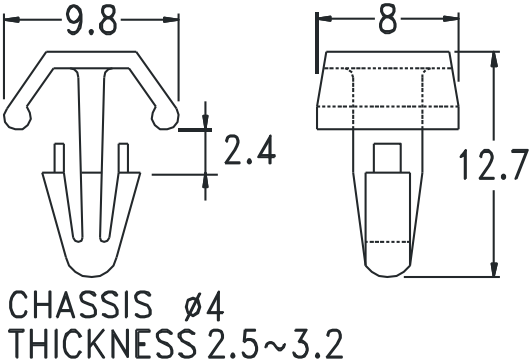


Part No.	Material	Color	Board Thickness	A mm	B mm	C mm	D mm	Package
NC-1W	P.O.M UL94HB	White	2.0-3.1	3.3-3.5	7.6	1.6	8.6	2000
NC-1N	Nylon 66 UL94V-2	Natural						
NC-1B	P.O.M UL94HB	Black						
NC-2N	Nylon 66 UL94V-2	Natural	3.0-4.0	3.3-3.6	7.6	1.3	10.8	1000
NC-2W	P.O.M UL94HB	White						
NC-2B		Black						
NC-3N	Nylon 66 UL94V-2	Natural	2.0-3.5	3.0-3.5	7.3	1.4	8.4	2000
NC-3B		Black						

Snap Rivet



NC-10



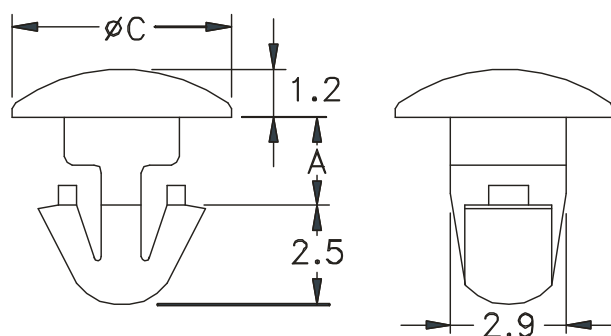
Material:	PC & Nylon 6UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.

Part No.	Package
NC-10	1000

RoHS compliant

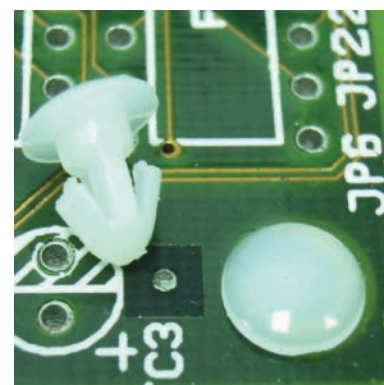


Snap Rivet

P.C.B $\varnothing 3.0$ THICKNESS: B

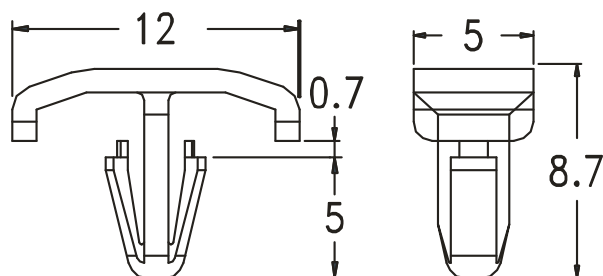
Part No.	A mm	B mm	C mm
NCM3-2	2.2	2.0	5.5
NCM3-2.5	2.5	2.3	6.4
NCM3-3	3.0	2.8	5.5

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	2.000 pcs.



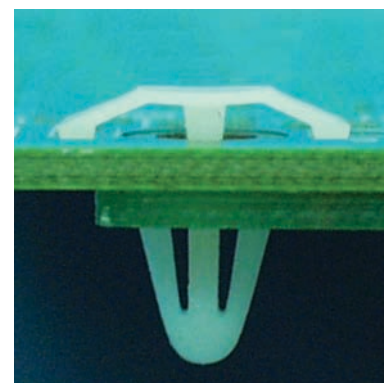
NCM3

Snap Rivet

CHASSIS $\varnothing 3.2$

Part No.	Package
NC-12	1000

Material:	PC & Nylon 6UL
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.



NC-12

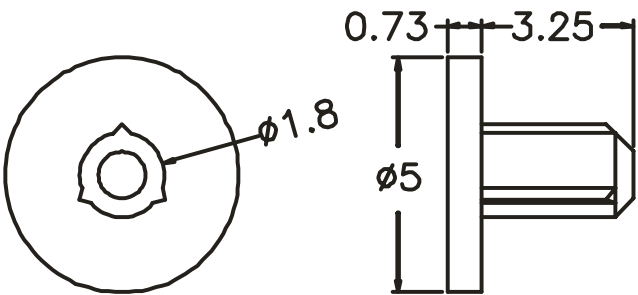


RoHS compliant

Mounting Button



NC-20



CHASSIS $\phi 1.8 \sim \phi 2.0$

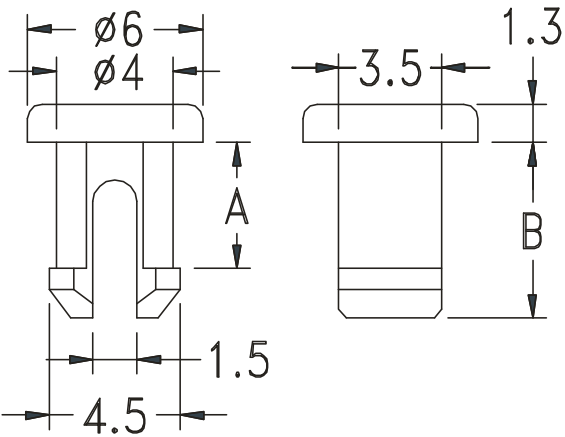
Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	2.000 pcs.

Part No.	Package
NC-20	2000

Mounting Button



NCU



CHASSIS $\phi 4.0$

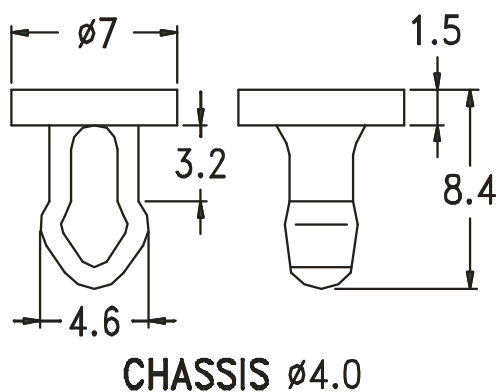
Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	2.000 pcs.

Part No.	A mm	B mm
NCU-7	4.3	6.0
NCU4-2	2.0	3.7



RoHS compliant

Mounting Button



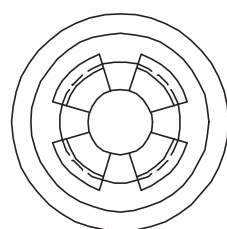
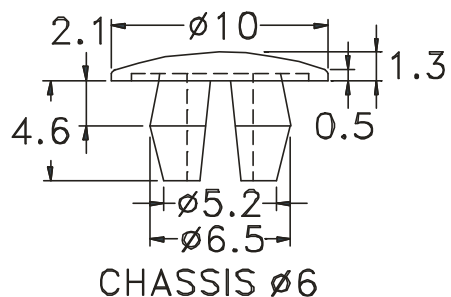
Part No.	Package
NCU-2	2000



NCU-2

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Black
Std. Package:	2.000 pcs.

Mounting Button



Part No.	Package
NCU6-2	2000



NCU6-2

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Natural
Std. Package:	2.000 pcs.



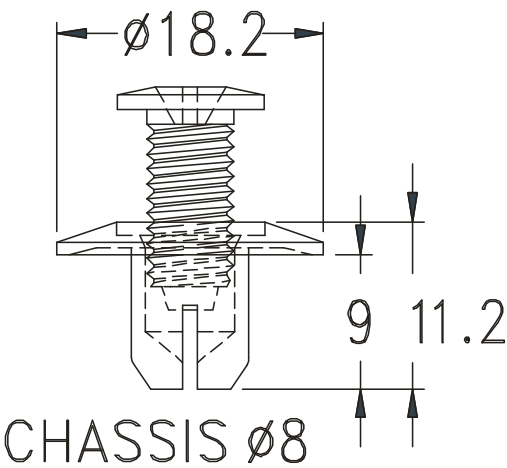
RoHS compliant

Automotive Rivet



QS-1

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Black
Std. Package:	500 pcs.



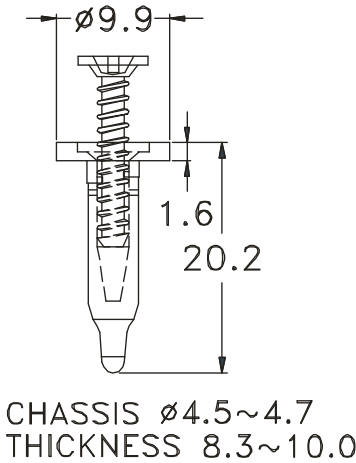
Part No.	Package
QS-1	500

Automotive Rivet



QS-2

Material:	Nylon 66 (UL)
Flame class:	94 V-2
Color:	Black
Std. Package:	1.000 pcs.



Part No.	Package
QS-2	1000

Round & Riveted Feet

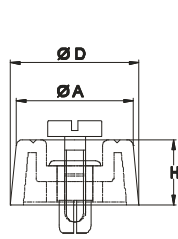


Fig.1

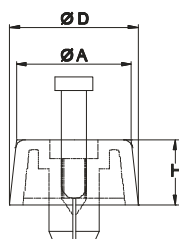


Fig.2

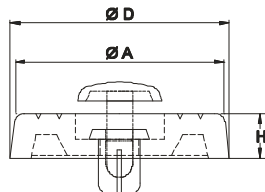


Fig.3

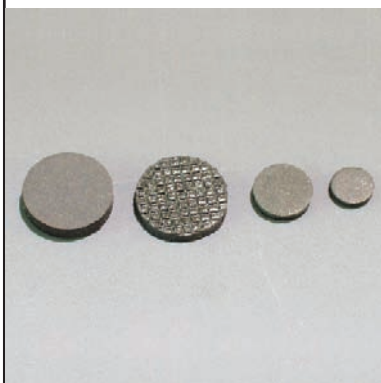


HG

Part No.	A mm	PANEL Thickness	H mm	D mm	Hole Dia	Fig.No	
HG-101	20.0	1.0-2.3	14.0	24.0	5.0-5.1	1	
HG-104	18.0		10.0	20.0			
HG-115	28.0		15.0	30.0			
HG-117	18.0	0.8-1.5	10.0	20.0	8.1-8.2	2	
HG-118							
HG-121	20.0	5.0-8.0	6.0	21.0	7.9-8.0		
HG-123	23.0	0.8-1.5	5.0	25.0	8.1-8.2		
HG-124	18.0	0.5-1.2	12.0	20.0	8.1-8.2		
HG-125		0.8-1.8	15.0				
HG-126		0.5-1.2	18.0				
HG-128		0.8-1.5	15.0		7.7-7.8		
HG-129	28.0	2.5-3.2		30.0	10.1-10.2		
HG-103-R3055	13.5	0.8-1.8	5.5	14.2	3.1-3.2	3	
HG-105-R4050	20.0	0.8-1.8	4.2	21.0	4.1-4.2		
HG-105-R4060		1.8-2.8					
HG-105-R4070		2.9-3.7					
HG-105-R4080		3.8-4.8					
HG-106-R4050	14.0	max 0.5	6.0	15.0			5.1-5.2
HG-106-R4060		0.6-1.0					
HG-106-R4070		1.0-2.0					
HG-106-R4080		2.0-3.1					
HG-106-R5065	20.0	0.8-1.2	8.0	21.0	4.1-4.2		
HG-106-R5075		1.3-2.3					
HG-108-R4060		0.8-1.8					
HG-108-R4070		1.9-2.8					
HG-108-R4080		1.9-2.8					
HG-109-R4060	14.0	max 0.8	9.0	15.0			5.1-5.2
HG-109-R4070		1.0-2.0					
HG-109-R4080		2.1-3.0					
HG-110-R4060		10.0			0.6-1.0		
HG-110-R4070	1.0-2.0						
HG-110-R4080	2.0-3.1						
HG-110-R5065	0.8-1.2						
HG-113-R3545	10.0	0.5-1.2	1.0	10.8	3.6-3.7		
HG-113-R3555		1.2-2.0					
HG-113-R3560		1.5-2.2					
HG-113-R3570		2.5-3.2					
HG-113-R3580		3.5-4.5					

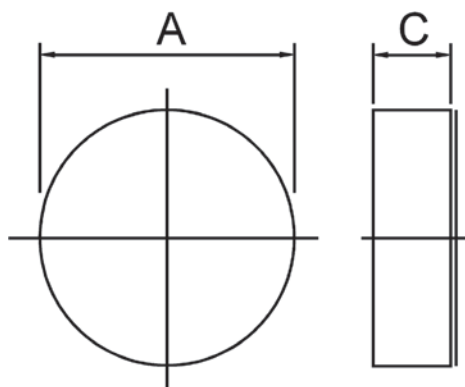
Material:	PP,TPE, Nylon 6
Flame class:	94 V0
Color:	Black
Std. Package:	Fig. 1=200 pcs. Fig. 2=500 pcs.

Rubber Foot



FQSG

Material: Rubber
Flame class: 94 V-2
Color: Black
Std. Package: 100 pcs.



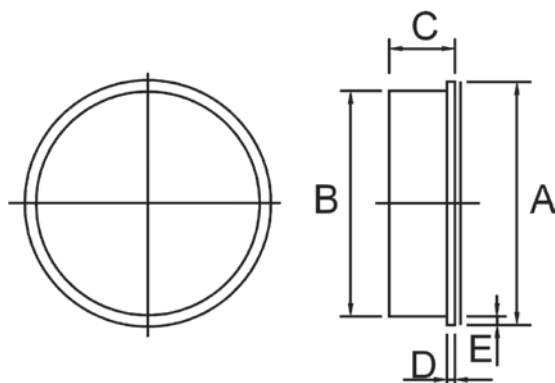
Part No.	A mm	C mm
FQSG 29351	Ø 5,0	Ø 1,5
FQSG 29352	Ø 6,4	Ø 2,6
FQSG 29353	Ø 8,0	Ø 1,8
FQSG 29354		Ø 2,6
FQSG 29355		Ø 3,2

Rubber Foot



FQSG

Material: Rubber
Flame class: 94 V-2
Color: Black
Std. Package: 100 pcs.



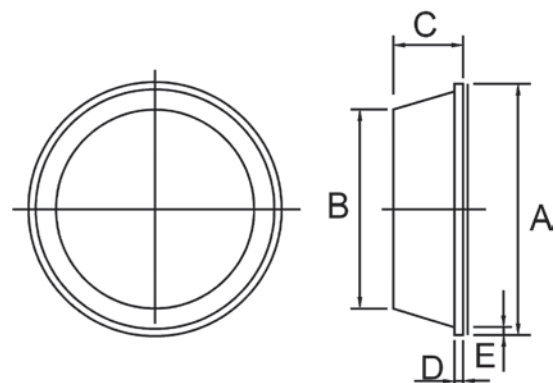
Part No.	A mm	B mm	C mm	D mm	E mm
FQSG 29401	Ø 10,9	Ø 10,0	3,0	0,4	0,4
FQSG 29402	Ø 11,3	Ø 11,0	3,2		
FQSG 29403	Ø 10,9	Ø 9,7	5,0		
FQSG 29404	Ø 12,0	Ø 11,0			

Rubber Foot



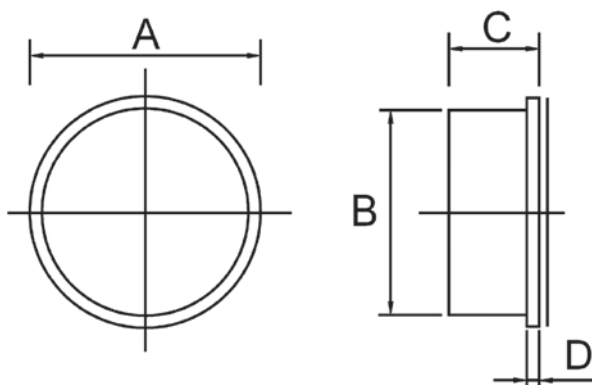
FQSG

Material: Rubber
Flame class: 94 V-2
Color: Black
Std. Package: 100 pcs.



Part No.	A mm	B mm	C mm	D mm	E mm
FQSG 29451	Ø 12,6	Ø 10,0	3,5	0,4	0,4
FQSG 29452	Ø 12,7	Ø 11,5	4,0		
FQSG 29453		Ø 10,6	4,7		

Rubber Foot



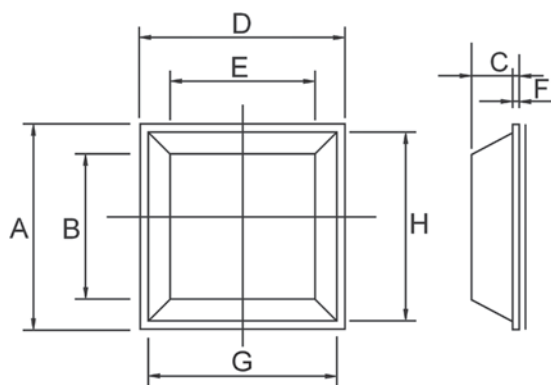
Part No.	A mm	B mm	C mm	D mm
FQSG 29501	Ø 9,5	Ø 8,5	3,7	0,5
FQSG 29502	Ø 9,7	Ø 9,4	4,2	
FQSG 29503	Ø 15,4	Ø 14,8	5,1	
FQSG 29504	Ø 22,0	Ø 21,7	10,4	1,0



FQSG

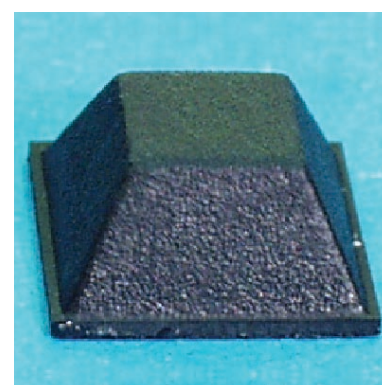
Material: Rubber
 Flame class: 94 V-2
 Color: Black
 Std. Package: 100 pcs.

Rubber Foot



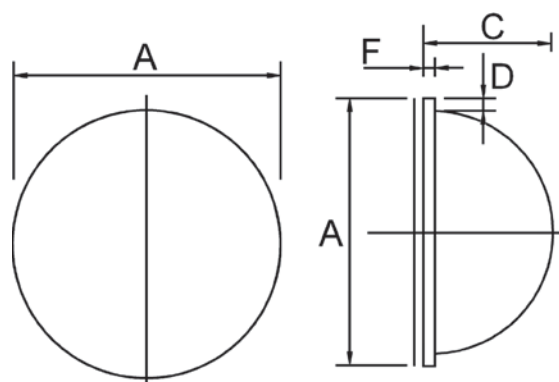
Part No.	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm
FQSG 29551	12,7	9,0	3,0	12,7	9,0	0,5	11,7	11,7
FQSG 29552		6,8	6,0		6,8			
FQSG 29553	20,5	12,3	7,6	20,5	12,3		19,5	19,5

Material: Rubber
 Flame class: 94 V-2
 Color: Black
 Std. Package: 100 pcs.



FQSG

Rubber Foot



Part No.	A mm	B mm	C mm	D mm
FQSG 29601	Ø 10,7	0,5	5,2	0,5
FQSG 29602	Ø 11,0		6,0	
FQSG 29603	Ø 15,9		8,0	



FQSG

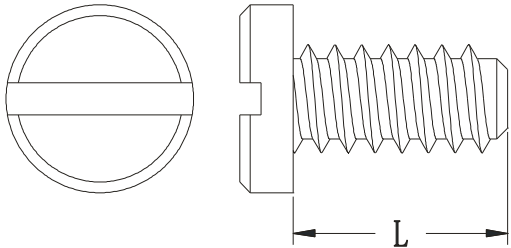
Material: Rubber
 Flame class: 94 V-2
 Color: Black
 Std. Package: 100 pcs.

Cheese Head Screw-Slotted



DIT127

Material:	Nylon 6/6
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.



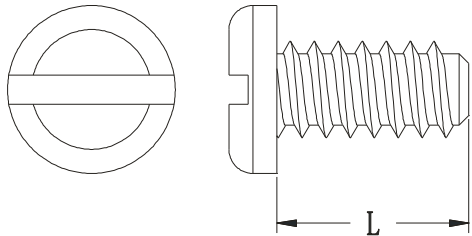
Part No.	Thread	Screw length L mm																
DIT127-M2-L	M2	4	5	6		8	10	12	16	20		25						
DIT127-M2.5-L	M2.5			6		8	10	12	16	20		25						
DIT127-M3-L	M3	4	5	6		8	10	12	16	20		25	30	35	40			
DIT127-M4-L	M4			6		8	10	12	16	20		25	30		40			
DIT127-M5-L	M5			6		8	10	12	16	20		25	30		40			
DIT127-M6-L	M6			6	6,5	8	10	12	16	20	22	25	30		40	50	50	60

Pan Head Screw-Slotted



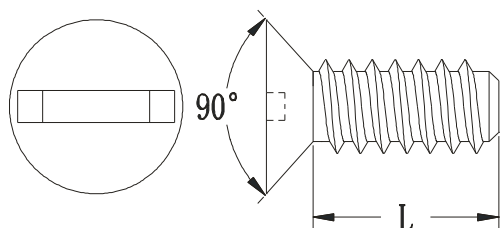
QIT158

Material:	Nylon 6/6
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.

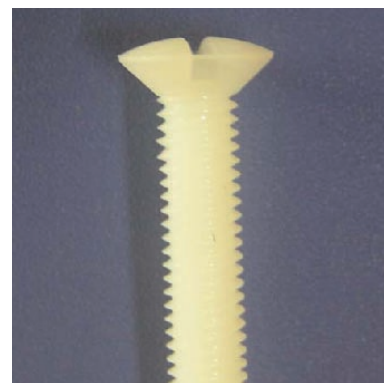


Part No.	Thread	Screw length L mm															
		4		5	6		8	10	12	16	20	25					
QIT158-M2-L	M2																
QIT158-M2.5-L	M2.5		4,5		6		8	10	12	16	20	25					
QIT158-M3-L	M3	4		5	6		8	10	12	16	20	25	30	35	40		
QIT158-M4-L	M4				6		8	10	12	16	20	25	30		40		
QIT158-M5-L	M5				6		8	10	12	16	20	25	30		40		
QIT158-M6-L	M6			5	6	6,5	8	10	12	16	20	25	30		40	50	60

Cover-Sunk Head Screw



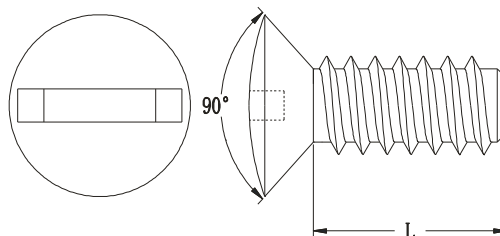
Material: Nylon 6/6
 Flame class: 94 V-2
 Color: Natural
 Std. Package: 1.000 pcs.



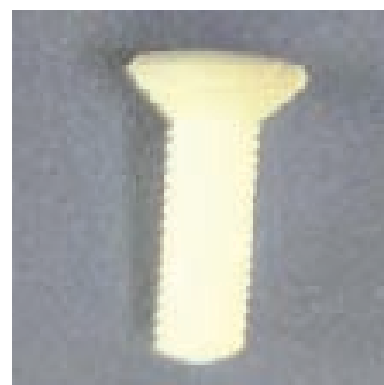
DTI209

Part No.	Thread	Screw length L mm															
DTI209-M3-L	M3	5	6		8				16		20	25	30			42	
DTI209-M4-L	M4				8	10	12	15	16		20	25	30	35			
DTI209-M5-L	M5			7	8	10	12	15	16	18	20	25	30	35	40		
DTI209-M6-L	M6				8	10	12		16		20	25	30		40	50	60

Cover-Sunk Oval Head Screw



Material: Nylon 6/6
 Flame class: 94 V-2
 Color: Natural
 Std. Package: 1.000 pcs.



DTP210

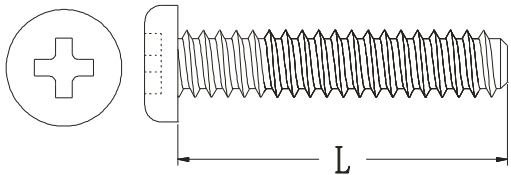
Part No.	Thread	Screw length L mm															
DTP210-M3-L	M3	4	5	6	8	10	12		16		20		25				
DTP210-M4-L	M4			6	8	10	12	15			20		25	30			
DTP210-M5-L	M5					10	12	15	16	18	20		25	30			
DTP210-M6-L	M6				8	10	12	15			20	22	25	30	40	50	60

Cross Recessed Screw



DST

Material:	Nylon 6/6
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.



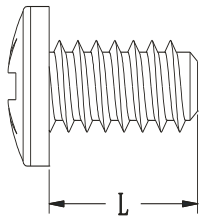
Part No.	Thread	Screw length L mm															
DST-M2-L	M2	4		5	6		8	10	12	16	20	25					
DST-M2.5-L	M2.5		4,5		6		8	10	12	16	20	25					
DST-M3-L	M3	4		5	6		8	10	12	16	20	25	30	35	40		
DST-M4-L	M4				6		8	10	12	16	20	25	30		40		
DST-M5-L	M5				6		8	10	12	16	20	25	30		40		
DST-M6-L	M6			5	6	6,5	8	10	12	16	20	25	30		40	50	

Cross Head Recessed-Oval Head Screw



DIS348

Material:	Nylon 6/6
Flame class:	94 V-2
Color:	Natural
Std. Package:	1.000 pcs.

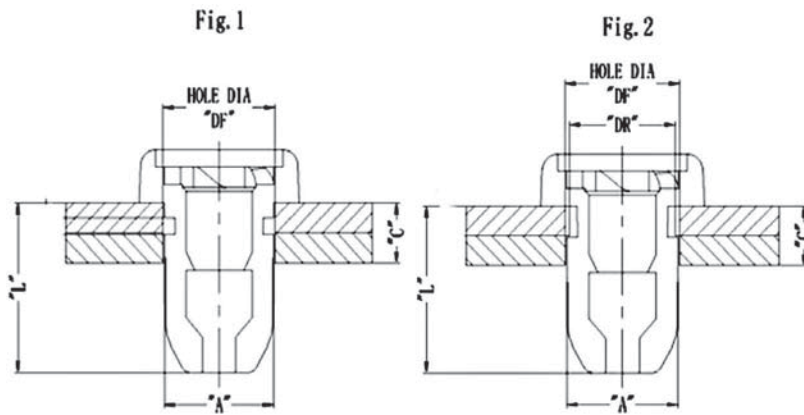


Part No.	Thread	Screw length L mm															
DIS348-M3-L	M3	4	5	6	8	10	12	16	20	25		35					
DIS348-M4-L	M4			6	8	10	12	16	20	25	30		40				
DIS348-M5-L	M5				8	10	12	16	20	25	30		40	50			
DIS348-M6-L	M6				8	10	12	16	20	25	30		40	50	60		



RoHS compliant

Speed Screw



TT

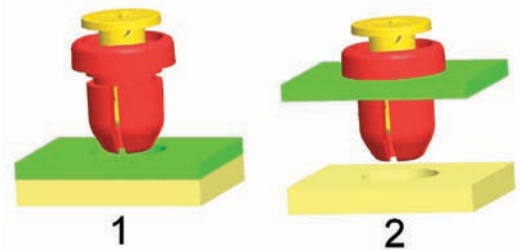
Part No.	A mm	C mm	L mm	Removable Panel Hole Dia „DF“	Fixed Panel Hole Dia „DR“	Fig No.	Max. Strength
TT1-6.3	6,3	3,0-4,2	9,0	6,4 - 6,5	-	1	30 kg
TT1-7.9	7,9			8,0 - 8,1	-		50 kg
TT2-6.3	6,3	3,0-4,2	9,0	6,4 - 6,5	5,95 - 6,1	2	30 kg
TT2-7.9	7,9			8,0 - 8,1	7,5 - 7,7		50 kg

Material:	Polycarbonate
Flame class:	94 V-2
Color:	Black
Std. Package:	1.000 pcs.

TT1 is the type that separated from both panels when unscrewed (Picture 1).

TT2 is the type that fixed into one panel when unscrewed (Picture 2).

We can offer as requested.



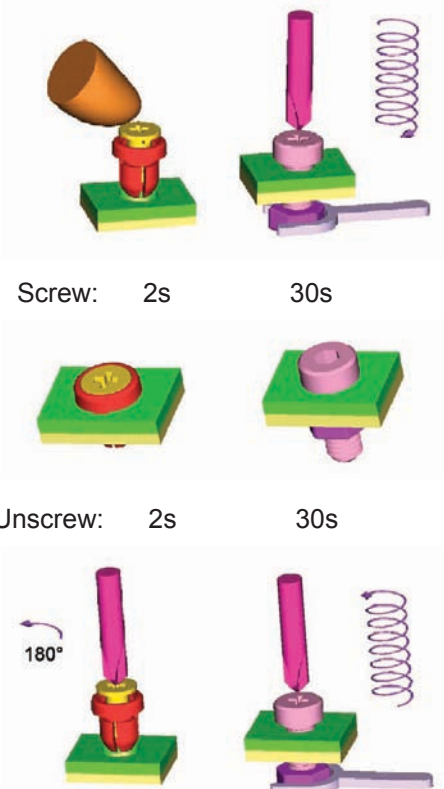
Applications:

1. Electronic goods, such as TV Sets, refrigerators, air conditions and washing machines, etc.
2. Office Equipments, such as computers and copy machines, printers, etc.
3. Many other fields that used current screw, can be replaced by Speed Screw.

Special Features:

1. Easiest and fastest way to screw and unscrew.
2. Can be used repeatedly, for at least 1000 times.
3. Suitable to closed and sealed space without screw nuts.
4. Rust free and environmental friendly.
5. In various colors.

Speed Screw VS Current screw



RoHS compliant

This image shows a full page of blank, lined paper. It features approximately 20 evenly spaced horizontal black lines across its entire width, typical of notebook or legal stationery. The background is a solid off-white color, and there are no margins, text, or other markings present.

Chapter H

• Fan Filters & Accessories

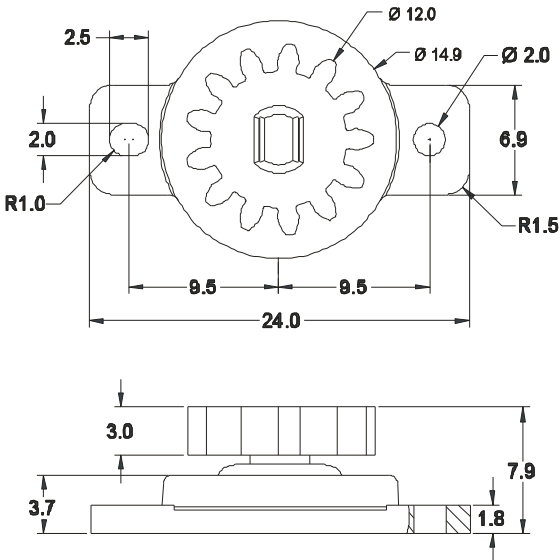


RoHS compliant

Damper 1



GD 1xx



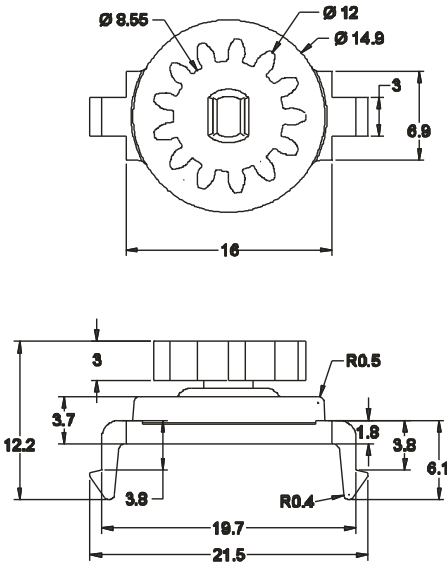
Tooth Profile:	Involute Gear
Pressure Angle:	20°
Number of Teeth:	13
Material:	POM/UL94HB ABS Silicon oil
Color:	Black
Std. Package:	1.000 pcs.

Part No.	Torque (gf.cm) & 23°C	Identification Paint Mark
GD-101	25±8 R/M	White
GD-102	40±10 R/M	Yellow
GD-103	60±10 R/M	Purple
GD-104	80±15 R/M	Green
GD-105	120±15 R/M	Black
GD-106	130±15 R/M	Blue
GD-107	150±15 R/M	Red

Damper 2



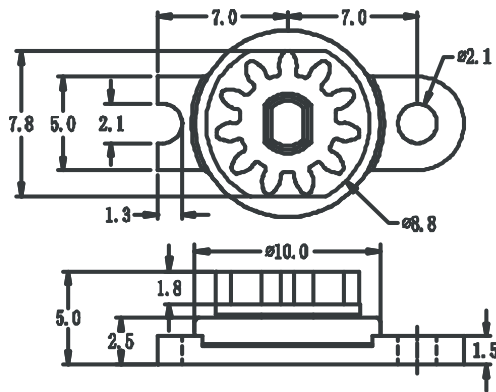
GD 2xx



Tooth Profile:	Involute Gear
Pressure Angle:	20°
Number of Teeth:	13
Material:	POM/UL94HB ABS Silicon oil
Color:	Black
Std. Package:	1.000 pcs.

Part No.	Torque (gf.cm) & 23°C	Identification Paint Mark
GD-201	25±8 R/M	White
GD-202	40±10 R/M	Yellow
GD-203	60±10 R/M	Purple
GD-204	80±15 R/M	Green
GD-205	120±15 R/M	Black
GD-206	130±15 R/M	Blue
GD-207	150±15 R/M	Red

Damper B

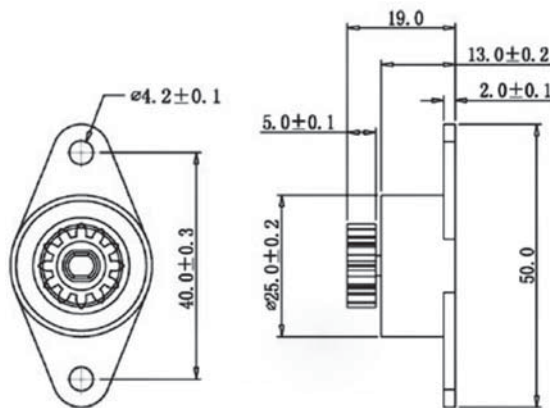


Damper-B

Part No.	Torque (gf.cm)	Pressure Angle	Number of Teeth	Identification Paint Mark
DAMPER-B-01	25 ± 8	20°	11	White
DAMPER-B-02	40 ± 10			Yellow
DAMPER-B-03	60 ± 10			Purple
DAMPER-B-04	80 ± 15			Green
DAMPER-B-05	120 ± 15			Black

Material: Body and Cap: ABS
Gear and shaft: POM
Color: Black
Std. Package: 500 pcs.

High Torque Damper

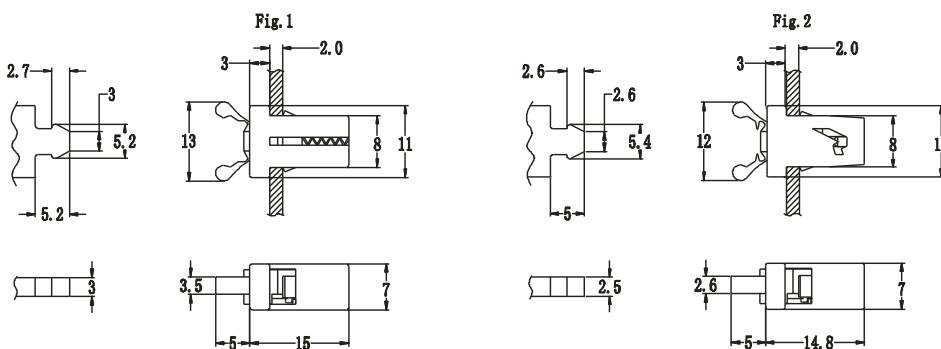


Damper-B2

Part No.	Torque (gf.cm)	Pressure Angle	Number of Teeth
Damper-B2-01	1000 ± 200	20°	12
Damper-B2-02	1500 ± 300	20°	12

Material: Body: Polycarbonate
Gear & Shaft: POM
Color: Black
Std. Package: 200 pcs.

Door Latch



EM

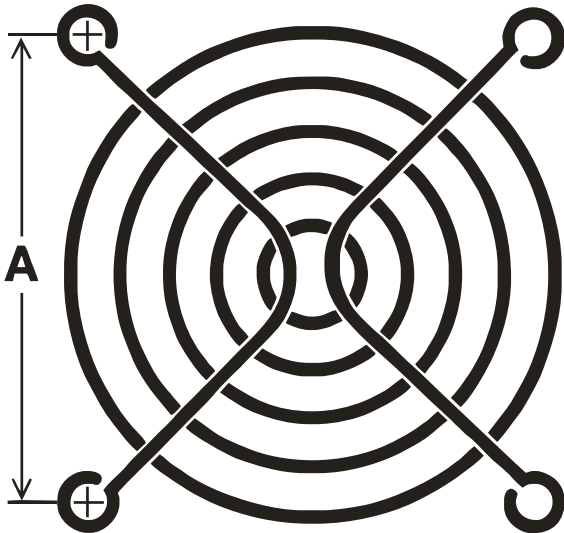
Part No.	Fig. No.
EM-1	1
EM-4	2

Material: POM, Nylon, PC
Flame class: 94 V-2
Color: Black / White / Grey
Std. Package: 500 pcs.

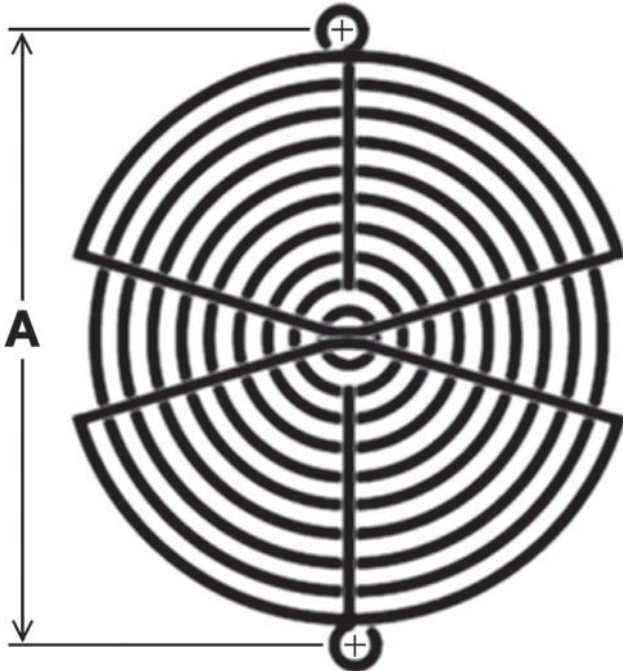
Finger Guard



FIG



Part No.	For Fan Size mm	A mm	Wire mm/mm	Rings	Mounting Hole mm	Finish
FIG-S40-2	40	32	1.6/1.6	2	4.0	NI-CR Plated
FIG-S60-4	60	50		4	4.6	NI-CR Plated
FIG-B60-4						Black E.D.
FIG-S80-5	80	71.5	1.8/1.8	5	4.9	NI-CR Plated
FIG-B80-5						Black E.D.
FIG-S92-6	92	82.5	1.6/1.8	6		NI-CR Plated
FIG-B92-6						Black E.D.
FIG-S109-8	120	104.8	1.8/1.8	8	4.6	NI-CR Plated
FIG-B109-8			Black E.D.			
FIG-S109-7KV					1.6/1.6	7

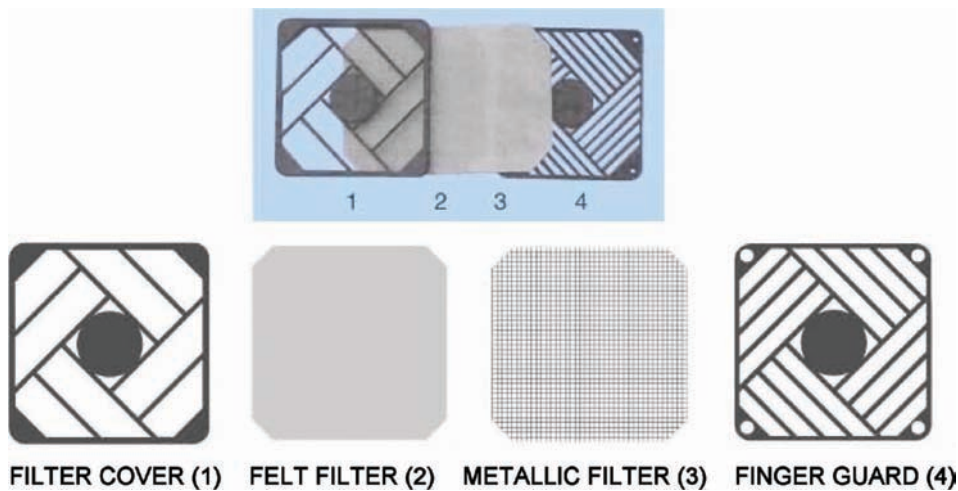


Part No.	For Fan Size mm	A mm	Wire mm/mm	Rings	Mounting Hole mm	Finish
FIG-S172-10H	150	162	1.8/2.3	10	4.83	NI-CR Plated
FIG-S172-10HA					4.33	
FIG-S150-6TK			1.6/1.4	6	5.5	

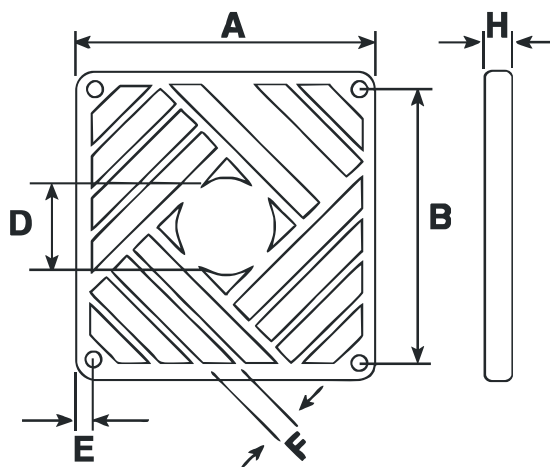
Material:	See Table
Color:	Metal
Std. Package:	100 pcs.



RoHS compliant



Fan Filter Set



FINGER GUARD

Part No.	A	B	D	E	F	H
FG-060-V	60	50.5	32.0	5	5.7	6
FG-080-V	80	72	26.6	4.6	6	
FG-092-V	92	83.9	32			
FG-120-V	120	100.6	30.7	8	5	6.3

FILTER COVER

Part No.	A	D	E	F	H
FC-060-V	64.5	32	4	14.2	12.4
FC-080-V	84.5	26.4	3.7	14.3	
FC-092-V	96.5	32			
FC-120-V	120.5	38.6	5.1	20.4	12.6

Part No.

ITEM		60 x 60	80 x 80	92 x 92	120 x 120
FINGER GUARD (4)		FG-060-V	FG-080-V	FG-092-V	FG-120-V
FINGER GUARD + FELT FILTER + METALLIC FILTER + FILTER COVER (4+3+2+1)		CP-060-V	CP-080-V	CP-092-V	CP-120-V
FINGER GUARD + FILTER COVER (4+1)		FGC-060-V	FGC-080-V	FGC-092-V	FGC-120-V
SPARE PARTS	PACK 10PCS FELT FILTER	FF-060-10	FF-080-10	FF-092-10	FF-120-05
	PACK 10PCS METALLIC FILTER	MF-060-50	MF-080-40	MF-092-40	MF-120-25

Std. Package: 100 pcs.

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Chapter I

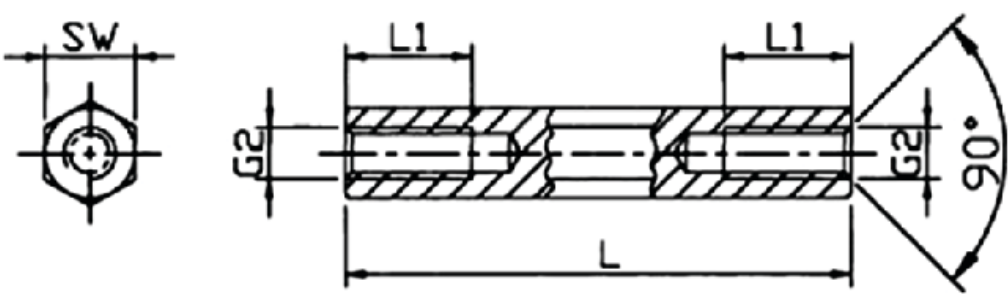
- **Metal Spacers**



Spacer Pins, Brass, nickel plated



DIIB-11



Thread Lengths (mm)

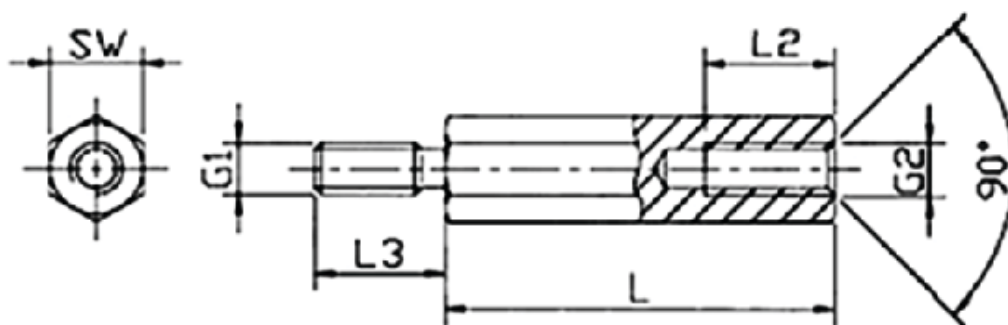
L	L1 at M2,5 to M6	L1 at M2
5	5	5
8	8	8
10	10	10
12	12	6
15	15	6
18	9	6
from 20	10	6

Part No.	Standard lengths in mm	Thread	SW 6-sided
DIIB-111-	5, 6, 8, 10, 12, 15, 18, 20, 25, 30, 35, 40, 45, 50	M 2	SW 4
DIIB-112-	5, 6, 8, 10, 12, 15, 18, 20, 25, 30, 35, 40, 45, 50	M 2,5	SW 4
DIIB-112-	5, 6, 8, 10, 12, 15, 18, 20, 25, 30, 35, 40, 45, 50, 55, 60	M 2,5	SW 5
DIIB-113-	5, 6, 8, 10, 12, 15, 18, 20, 25, 30, 35, 40, 45, 50, 55, 60	M 3	SW 5
DIIB-114-	5, 6, 8, 10, 12, 15, 18, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70	M 3	SW 5,5
DIIB-116-	5, 6, 8, 10, 12, 15, 18, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100	M 4	SW 7
DIIB-118-	8, 10, 12, 15, 18, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100	M 5	SW 8
DIIB-119-	10, 12, 15, 18, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100	M 6	SW 10

Order-example: DIIB-111-10

Material according to DIN 17660:	Cu Zn 39 Pb 3
Minimum tensile strength:	430 N/mm2
Surface treatment according to DIN 267:	nickel plated (G 3 E)
Material-Nr. for Brass:	2.0401

Spacer Pins, Brass, nickel plated



DIAB-21

Internal Thread Lengths (mm)

L	L2 at M2,5 to M5	L2 to M2	L2 to M6
5	3	3	
8	5	5	
10	6	6	6
12	7	6	7
15	10	6	10
18	10	6	10
from 20	10	6	12

External Thread Lengths (mm)

G1=G2	L3
M2	5
M2,5	6
M3	6+8
M4	8
M5	8
M6	10

Part No.	Standard lengths in mm	Thread	SW 6-sided
DIAB-211-	5, 6, 8, 10, 12, 15, 18, 20, 25, 30, 35, 40, 45, 50	M 2	SW 4
DIAB-2112-	5, 6, 8, 10, 12, 15, 18, 20, 25, 30, 35, 40, 45, 50	M 2,5	SW 4
DIAB-212-	5, 6, 8, 10, 12, 15, 18, 20, 25, 30, 35, 40, 45, 50, 55, 60	M 2,5	SW 5
DIAB-213-	5, 6, 8, 10, 12, 15, 18, 20, 25, 30, 35, 40, 45, 50, 55, 60	M 3	SW 5
DIAB-214-	5, 6, 8, 10, 12, 15, 18, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70	M 3	SW 5,5
DIAB-216-	5, 6, 8, 10, 12, 15, 18, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100	M 4	SW 7
DIAB-218-	8, 10, 12, 15, 18, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100	M 5	SW 8
DIAB-219-	10, 12, 15, 18, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100	M 6	SW 10

Order-example: DIAB-211-10

Material according to DIN 17660:	Cu Zn 39 Pb 3
Minimum tensile strength:	430 N/mm ²
Surface treatment according to DIN 267:	nickel plated (G 3 E)
Material-Nr. for Brass:	2.0401

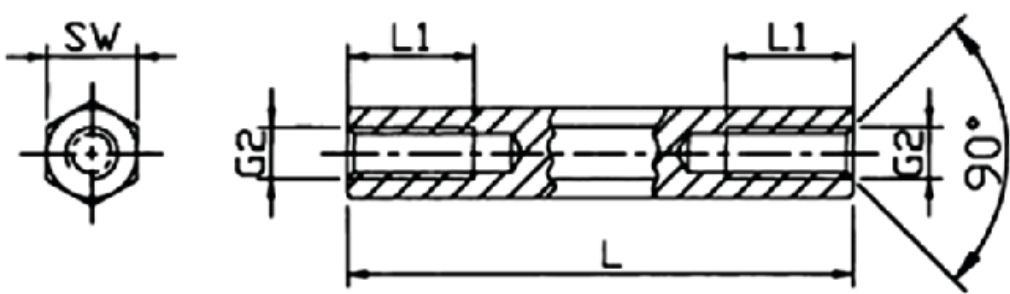


RoHS compliant

Spacer Pins, Steel, zinc plated



DIIS-12



Internal Threads Lengths (mm)

L	L1 at M3 bis M5	L1 to M6	L1 to M8
5	5	5	
8	8	8	
10	10	10	
12	12	12	
15	15	15	15
18	9	9	
20	10	10	20
from 30	10	12	14

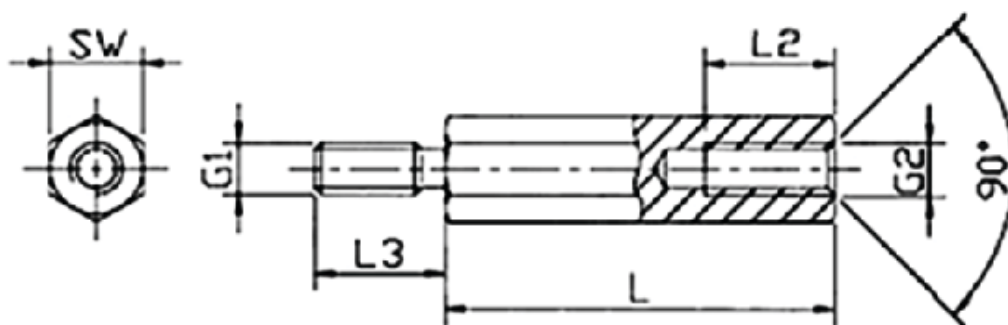
Manufacturing tolerance +/- 0,1 mm
(for SW13 applies DIN 2768-m)

Part No.	Standard lengths in mm	Thread	SW 6-sided
DIIS-124-	5, 8, 10, 12, 15, 18, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70	M 3	SW 5,5
DIIS-125-	5, 8, 10, 12, 15, 18, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100	M 3	SW 6
DIIS-126-	5, 8, 10, 12, 15, 18, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100	M 4	SW 7
DIIS-127-	5, 8, 10, 12, 15, 18, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100	M 4	SW 8
DIIS-128-	8, 10, 12, 15, 18, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100	M 5	SW 8
DIIS-129-	10, 12, 15, 18, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100	M 6	SW 10
DIIS-1213-	15, 20, 25, 30, 35, 40, 45, 50, 60, 70, 80, 90, 100	M 8	SW 13

Order-example: DIIS-124-10

Material according to DIN 176:	11 SMn Pb30
Minimum tensile strength:	500 N/mm2
Surface treatment according to DIN 267:	zinc plated (A3 F)
Material-Nr. for Steel:	1.0718

RoHS compliant



DIAS-22

Internal Thread Lengths (mm)

L	L2 at M3 to M5	L2 to M6	L2 to M8
5	3		
8	5		
10	6	6	
12	7	7	
15	10	10	10
18	10	10	
from 20	10	12	14

External Thread Lengths (mm)

G1=G2	L3
M3	6
M4	8
M5	8
M6	10
M8	14

Manufacturing tolerance +/- 0,1 mm
(for SW13 applies DIN 2768-m)

Part No.	Standard lengths in mm	Thread	SW 6-sided
DIAS-224-	5, 8, 10, 12, 15, 18, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70	M 3	SW 5,5
DIAS-225-	5, 8, 10, 12, 15, 18, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100	M 3	SW 6
DIAS-226-	5, 8, 10, 12, 15, 18, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100	M 4	SW 7
DIAS-227-	5, 8, 10, 12, 15, 18, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100	M 4	SW 8
DIAS-228-	8, 10, 12, 15, 18, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100	M 5	SW 8
DIAS-229-	10, 12, 15, 18, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100	M 6	SW 10
DIAS-2213-	15, 20, 25, 30, 35, 40, 45, 50, 60, 70, 80, 90, 100	M 8	SW 13

Order-example: DIAS-224-10

Material according to DIN 176:	11 SMn Pb30
Minimum tensile strength:	500 N/mm ²
Surface treatment according to DIN 267:	zinc plated (A3 F)
Material-Nr. for Steel:	1.0718

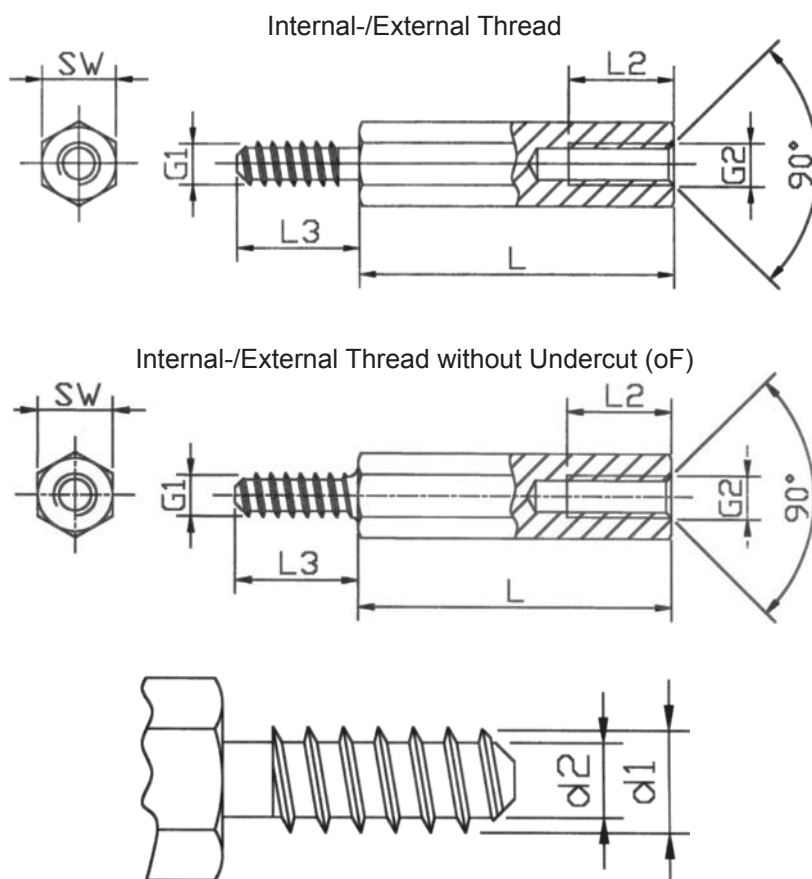


RoHS compliant

Spacer Pins with self-cutting thread



DIAB-ST / DIAS-ST



External Thread G1

Thread Size	l3 mm	d1 mm	d2 mm
ST 2,2	5	2,2	1,6
ST 2,9	6	2,8	2,1
ST 3,3	6	3,2	2,3
ST 3,5	7	3,4	2,6
ST 4,2	8	4,1	3,0

Internal Thread G2

L mm	l2 mm
8	5
10	6
12	7
15	10
20	10

Manufacturing tolerance +/- 0,1 mm

Brass, nickel plated

Part No.	Standard lengths in mm	Thread Size G1	Thread Size G2	SW mm
DIAB-212ST2,2-	8, 10, 12, 15, 20	ST 2,2	M 2,5	5
DIAB-214ST2,9-	8, 10, 12, 15, 20	ST 2,9	M 3	5,5
DIAB-214ST3,3-	8, 10, 12, 15, 20	ST 3,3	M 3	5,5
DIAB-215ST3,5-	8, 10, 12, 15, 20	ST 3,5	M 3	6
DIAB-216ST4,2-	8, 10, 12, 15, 20	ST 4,2	M 4	7

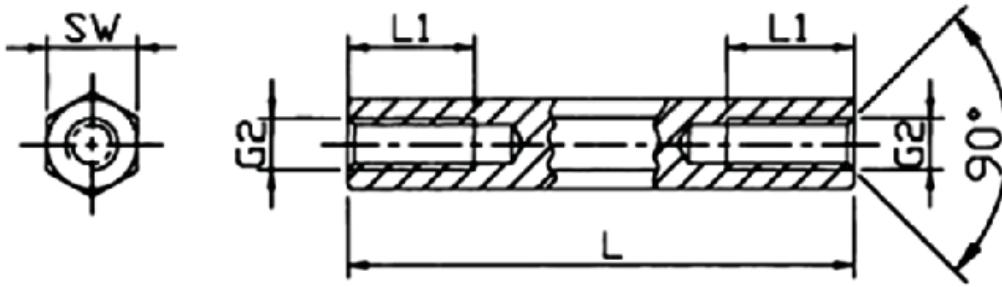
Steel, zinc plated

Part No.	Standard lengths in mm	Thread Size G1	Thread Size G2	SW mm
DIAS-222ST2,2-	8, 10, 12, 15, 20	ST 2,2	M 2,5	5
DIAS-224ST2,9-	8, 10, 12, 15, 20	ST 2,9	M 3	5,5
DIAS-224ST3,3-	8, 10, 12, 15, 20	ST 3,3	M 3	5,5
DIAS-225ST3,5-	8, 10, 12, 15, 20	ST 3,5	M 3	6
DIAS-226ST4,2-	8, 10, 12, 15, 20	ST 4,2	M 4	7

To order the variant without a thread undercut please add the „oF“ after the Order-Nr.

Order-example: DIAS-222ST2,2-15oF

Spacer Pins, BRASS, with UNC-Thread



Thread Lengths (mm)

L	L1
5	5
8	8

Standard lengths +/- 0,1 mm

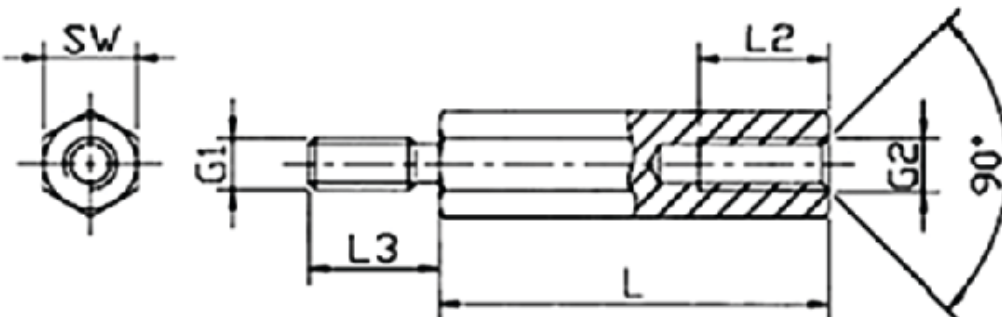


DIIB-110

Part No.	Standard lengths in mm	Thread	SW 6-sided
DIIB-110-	5, 6, 8, 10, 12, 15	4 – 40 UNC	SW 5

Order-example: DIIB-110-10

Spacer Pins, Brass, with UNC-Thread



Thread Lengths (mm)

L	L2	L3
5	3	6, 8, 12
6	3	6, 8, 12

Standard lengths +/- 0,1 mm



DIAB-210

Part No.	Standard lengths in mm	Internal Thread	External Thread	SW 6-sided
DIAB-2100-	5, 6	4 – 40 UNC	4 – 40 UNC	SW 5
DIAB-2103-	5, 6	4 – 40 UNC/M3	M3	SW 5

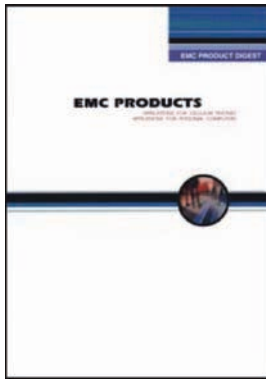
Order-example: DIAB-2100-5

All UNC-Typen are also in Steel, with other lengths and with UNC 6–32 and UNC 2–56 deliverable.

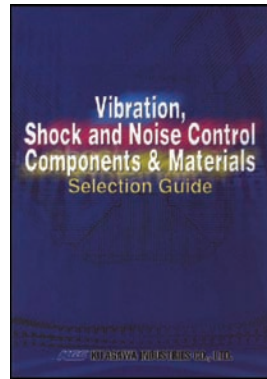
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Symbole	FCW E-9	MDCT A-4	SCT A-29
611 F-2	FF / FG / FGC H-5	MDCTD A-31, A-40	SDB A-28
A	FIG H-4	MDD A-18	SDC A-29
AC E-17	FQSG G-16...G-17	MDFP A-5	SDN A-30
B	G	MF H-5	SDU D-10
BMQ G-8	G-Damper H-2...H-3	MFC E-21	SDX A-28
BTT A-9	GDB / GDC E-5	MFE B-2	SG D-11
BXD E-15	GDD E-2	MFEI B-4	SI G-4
BXT E-31	GDF E-4	MFET B-3	SMTQ A-9
C	GDI E-10	MFS E-28	SPP - SPN - SPF E-45
CBE C-8...C-10	GDO E-2	MN E-29	T
CE F-12	GDQ E-14	MPS / CPS A-12	TB F-8
CINXT E-30	GDU E-8	MTQ1/2/4/8 A-2...A-3	TD A-15
CKN E-16	GR C-7...C-8	MTQ9/11 A-37	TDC / TDCT A-8
CKS E-17	GSV C-4	MU E-29	TMC E-22
CP H-5	GXT E-15	MXT E-35	TMH G-6
CSG F-12	GXV E-18	N	TMQC / TMQM G-6
D	H	N D-5, F-7	TQ A-14
D E-44	H-0417 A-35	NA / TA A-23	TQ-NEML A-17
DCQ A-13	HG G-15	NAD E-43	TRF / TRG F-3
DD E-40	HLB A-35	NBE / NBEN A-11	TSG4-8 G-5
DDB F-7	I	NC G-10...G-12	TSSDU D-10
DDNF / DDNX D-8	IDCT A-19	NCM G-11	TST A-26
DE E-40	IQ A-24	NCU G-12...G-13	TT A-22, G-21
DH C-2...C-5	IUO-M3 A-21	NCX G-9	TT1 A-22
DIAB I-3	K	NDCQ A-12	TU D-11
DIAB-ST I-6	K E-22	NEM A-15	U
DIAS I-5	KB D-5	NEMB1 A-16	UDCT A-21, A-39
DIB E-30	KCA E-42	NK E-41	UEGR-08-0 C-6
DID E-36	KG F-11	NQ G-8	UI D-8
DIIB I-2	KGCH-20-0 C-6	NQT A-6	UI 1 / 3 D-6
DIIS I-4	KGCP-08-0 A-34	NRP G-2...G-3	UIB E-12
DIS G-20	KGES A-32	NRS G-4	UIF E-11
DIT G-18	KGLS-04T A-7	NS D-5	UM E-13
DMI E-41	KGLS-M A-10	NTQ A-14	UN D-7
DMN E-42	KGLS-RT A-12, A-26	NTQE A-13	UPB-118 D-10
DN D-6...D-7	KGLS-S A-6	NTT A-21	W
DS G-7	KGPS-RF A-27	NXT E-23, E-25...E-27	WS E-33
DST G-20	KGPS-S A-7	O	WSS E-30
DTP G-19	KGTS A-19	OT F-2	X
DUN-9 / 15 D-9	KI D-2...D-4, D-12	OTQ A-20, A-39	X F-2
E	KIG F-8	OUT A-38	XD E-18...E-19
EDS F-4...F-6	KIGD / KIGDB F-9	OXT E-31...E-32	XDM-11 E-19...E-20
EM H-3	KK A-25	P	XDN E-22
EMTQ A-10, A-16	KS E-43	P D-5	XDT 1 E-14
EMTQ3 A-5	KY E-46	PDD / PDDC E-39	XMML E-24
EMTQ 5/6/7 A-36	L	PHD A-33	XU E-23
ES-K A-32	LFC E-3	Q	Y
F	LH F-10...F-12	QDCT A-30	YK E-47
Fan Filter Set H-5	LM E-12	QIT G-18	YMC E-28
FC E-6, H-5	LS E-28	QS G-7, G-14	Z
FCA E-21	LWS E-33...E-36	S	Z 2L E-13
FCN / FCS E-7	M	SBN A-27	
	MBT A-18	SC E-44	

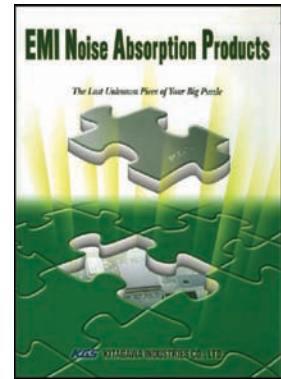
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EMC PRODUCT DIGEST



ANTI-VIBRATION PRODUCTS



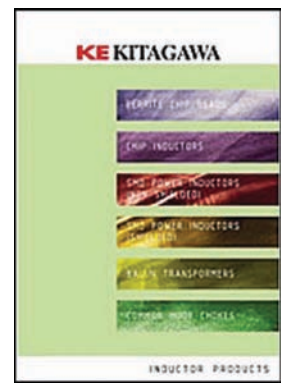
ELECTROMAGNETIC
ABSORPTION PRODUCTS



EMI PRODUCTS



FASTENING COMPONENTS



INDUCTOR PRODUCTS

KE KITAGAWA GmbH

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