

RECTANGULAR CONNECTOR ACCESSORIES

Composite Backshells



500-158 Shorting Can Backshell EMI/RFI for MIL-DTL-83513 Metal-Shell Connectors



How to Order							
Sample Part Number	500-158	XM	21	H	U	6	-01
Series / Basic Part No.	Shorting Can Backshell						
Finish	XM = Electroless Nickel XW = Cadmium/Olive Drab Over Electroless Nickel						
Shell Size	See Table I						
Jackscrew Option	See Table II						
Attachment	N = No Attachment U = 1/32 Sst Wire Rope, Nylon Jacket F = 3/64 Sst Wire Rope, Nylon Jacket H = 3/64 Sst Wire Rope, Fep Jacket G = 3/32 Nylon Rope						
Attachment Length	In Inches						
Dash Number	See Table III						

FINISH

- Backshell - high grade engineering thermoplastic/ see How to Order table
- Retaining clips and screws - CRES/passivated
- Attachment - see Table III
- Crimp ring - copper/black chromate
- SCS and CF for nylon cord - copper/black chromate
- CF for wire rope - SST/passivated

NOTES

- Assembly identified with manufacturer's name and p/n, space permitting.
- Metric dimensions (mm) indicated in parentheses.
- Slip/crimp sleeve (SCS) - for Type G nylon cord only provides "slip knot" adjustment, may be crimped for permanent attachment.
- Crimp ferrule (CF) - for Type S wire rope and G nylon cord supplied loose for user termination.

Table III

Table III	
SCS - SLIP/CRIMP SLEEVE FOR NYLON ROPE (G) ONLY 	
CF - CRIMP FERRULE FOR NYLON ROPE (G) AND SST WIRE ROPE (S) ONLY 	
Dash No.	H Dia
00	N/A
01	.140(3.6)
02	.182(4.6)
03	.191(4.9)
04	.197(5.0)
05	.167(4.2)
06	.125(3.2)
SCS	SLIP/CRIMP SLEEVE
CF	CRIMP FERRULE

Table II

Table II	
Symbol	Jackscrew Type
B	(2) Male Fillister Head
BF	(2) Male Fillister Head Floating Jackscrew
H	(2) Male Hex Socket
HF	(2) Male Hex Socket Floating Jackscrew
E	(2) Male Extended
F	(2) Female Jackpost
FB	(1) Female Jackpost, (1) Male Fillister Head
FH	(1) Female Jackpost, (1) Male Hex Socket

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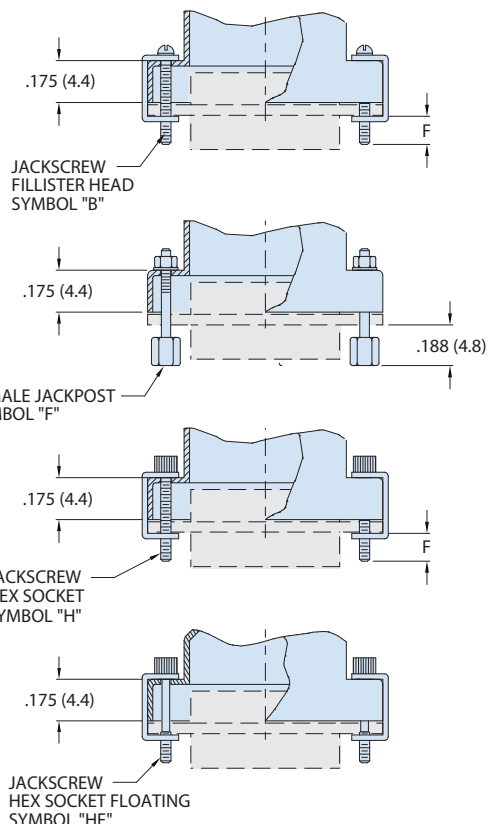
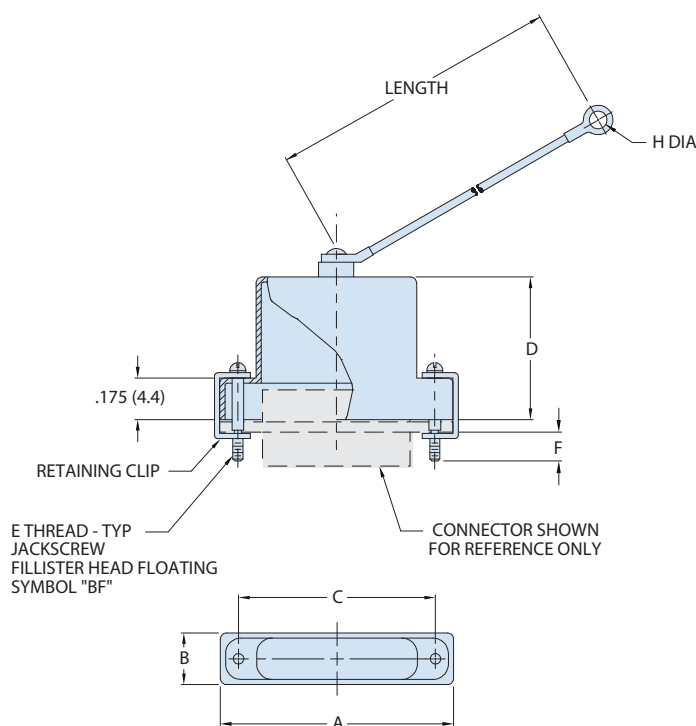


Table I

Shell Size	A	B	C	D	E Thread	F	G Min
09	.775(19.7)	.36(9.1)	.565(14.4)	.34(8.6)	2-56 UNC-2	.154(3.9)	.75(19.1)
15	.925(23.5)	.36(9.1)	.715(18.2)	.44(11.2)	2-56 UNC-2	.154(3.9)	.76(19.3)
21	1.075(27.3)	.36(9.1)	.865(22.0)	.56(14.2)	2-56 UNC-2	.154(3.9)	.88(22.4)
25	1.175(29.8)	.36(9.1)	.965(24.5)	.62(15.7)	2-56 UNC-2	.154(3.9)	.94(23.9)
31	1.325(33.7)	.36(9.1)	1.115(28.3)	.68(17.3)	2-56 UNC-2	.154(3.9)	1.00(25.4)
37	1.475(37.5)	.36(9.1)	1.265(32.1)	.72(18.3)	2-56 UNC-2	.154(3.9)	1.04(26.4)
51	1.425(36.2)	.40(10.2)	1.215(30.9)	.75(19.1)	2-56 UNC-2	.154(3.9)	1.07(27.2)
100	2.160(54.9)	.45(11.4)	1.800(45.7)	.81(20.6)	4-40 UNC-2	.184(4.7)	1.13(28.7)