

SPACE-GRADE MICRO-D BACKSHELLS

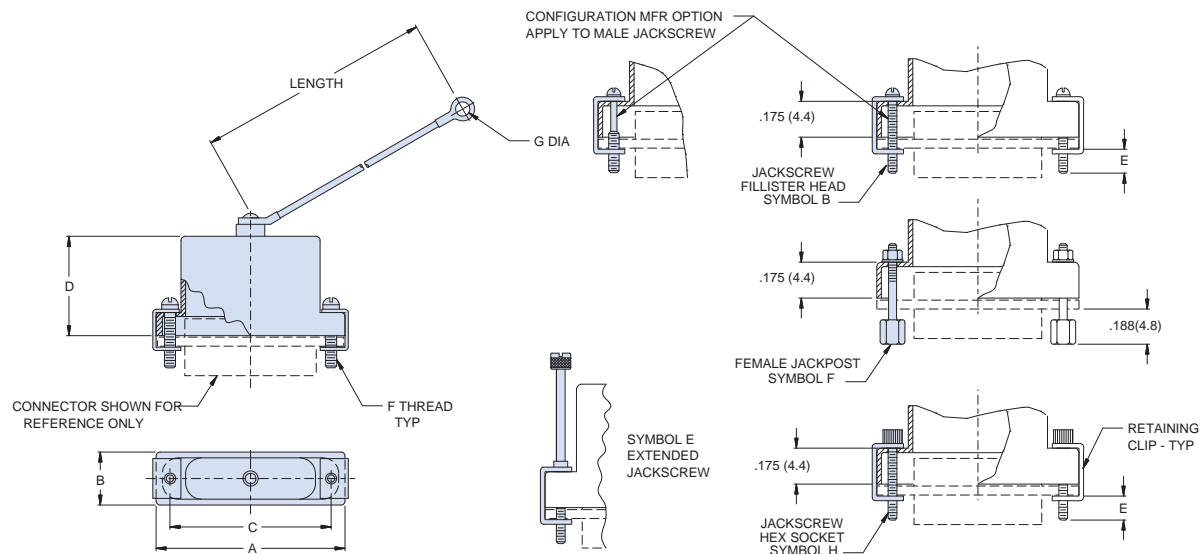
Lightweight Shorting Can Backshell with Lanyard Attachment Options



500-016



How To Order	
Sample Part Number	500-016 M 31 B F 6 -01
Series	500-016 Shorting can backshell
Shell Finish	M – Electroless Nickel Z2 – Gold
Connector Size	09, 15, 21, 25, 31, 37, 51, 51-2, 67, 69, 100 (See Table I)
Hardware Option	B – Male Fillister Head H – Male Hex Socket E – Extended Jackscrew F – Jackpost, Female
Lanyard Attachment	F – Wire rope, Nylon jacket H – Wire rope, Teflon jacket R – Wire rope, PVC jacket T – Wire rope, no jacket N – no attachment
Attachment Length	inches
Attachment Ring Diameter	See Table II



Dash No.	G Dia
00	N/A
01	.146 (3.71)
02	.182 (4.62)
03	.191 (4.85)
04	.197 (5.00)
05	.167 (4.24)
06	.125 (3.18)

Shell Size	A Max	B Max	C	D Max	E Ref	F Thread
09	.850 (21.59)	.370 (9.40)	.565 (14.35)	.350 (8.89)	.154 (3.91)	2-56 UNC-2
15	1.000 (25.40)	.370 (9.40)	.715 (18.16)	.470 (11.94)	.154 (3.91)	2-56 UNC-2
21	1.150 (29.21)	.370 (9.40)	.865 (21.97)	.590 (14.99)	.154 (3.91)	2-56 UNC-2
25	1.2550 (31.88)	.370 (9.40)	.965 (24.51)	.650 (16.51)	.154 (3.91)	2-56 UNC-2
31	1.400 (35.56)	.370 (9.40)	1.115 (28.32)	.710 (18.03)	.154 (3.91)	2-56 UNC-2
37	1.550 (39.37)	.370 (9.40)	1.265 (32.13)	.750 (19.05)	.154 (3.91)	2-56 UNC-2
51	1.500 (38.10)	.410 (10.41)	1.215 (30.86)	.780 (19.81)	.154 (3.91)	2-56 UNC-2
51-2*	1.910 (48.51)	.370 (9.40)	1.615 (41.02)	.780 (19.81)	.154 (3.91)	2-56 UNC-2
67	2.310 (58.67)	.370 (9.40)	2.015 (51.18)	.780 (19.81)	.154 (3.91)	2-56 UNC-2
69	1.810 (45.97)	.410 (10.41)	1.515 (38.48)	.780 (19.81)	.154 (3.91)	2-56 UNC-2
100	2.235 (56.77)	.460 (11.68)	1.800 (45.72)	.840 (21.34)	.184 (4.67)	4-40 UNC-2

*51-2 Shell Size is for a special 51 position 2-row Micro-D connector

MATERIALS

Backshell: Aluminum alloy

Retainer clips, jackscrew: CRES / passivated