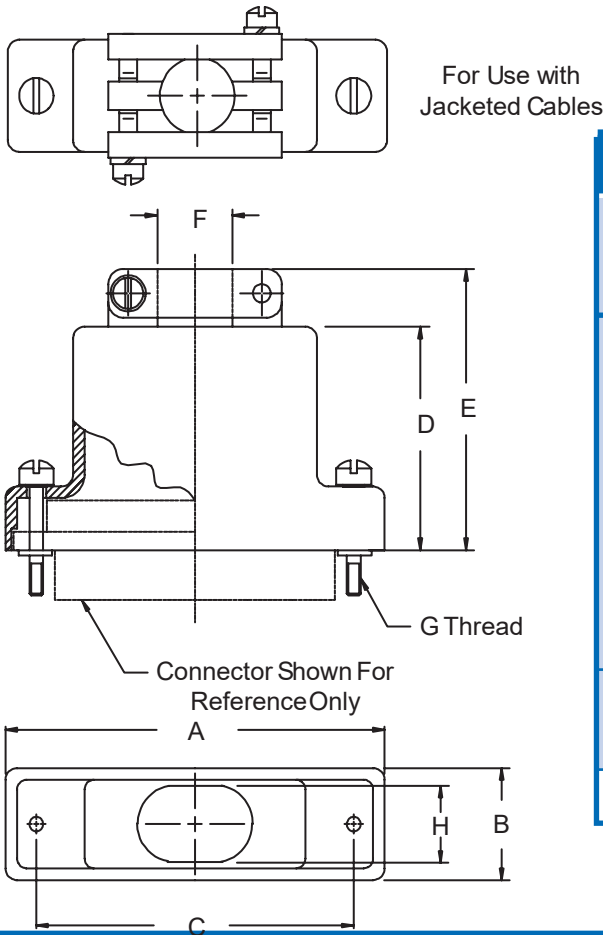


**507-146**  
**EMI/RFI Solid Micro-D Backshell**  
**with Strain-Relief for Jacketed Cables**



MIL-DTL-83513  
 Micro-D



HOW TO ORDER			
Basic Part Number	Shell Plating *	Shell Size (Table I)	Hardware Options *
507-146	C – Black Anodize	09	Omit for (2) male fillister head
	E – Chem. Film	15	
	J – Gold Iridite Over Cadmium Over Electroless Nickel	21	E – (2) extended jackscrew
	M – Electroless Nickel	25	
	NF – Cadmium, Olive Drab Over Electroless Nickel	31	
	Z2 – Gold	37	H – (2) male hex socket
		51	F – (2) female jackpost
	100		
<b>Sample Part Number:</b>			
507-146	M	21	H

\* SEE PAGE C-4 FOR COMPLETE INFORMATION

**TABLE I: DIMENSIONS**

SHELL SIZE	A Max	B Max	C ±.005 (0.1)	D ±.010 (0.3)	E ±.030 (.8)	F ±.005 (0.1)	G THREAD	H ±.005 (0.1)
09	.915 (23.2)	.450 (11.4)	.565 (14.4)	.530 (13.5)	.750 (19.1)	.160 (4.1)	2-56 UNC-2A	.160 (4.1)
15	1.065 (27.1)	.450 (11.4)	.715 (18.2)	.580 (14.7)	.800 (20.3)	.190 (4.8)	2-56 UNC-2A	.190 (4.8)
21	1.215 (30.9)	.450 (11.4)	.865 (22.0)	.630 (16.0)	.910 (23.1)	.220 (5.6)	2-56 UNC-2A	.220 (5.6)
25	1.315 (33.4)	.450 (11.4)	.965 (24.5)	.680 (17.3)	.960 (24.4)	.260 (6.6)	2-56 UNC-2A	.260 (6.6)
31	1.465 (37.2)	.450 (11.4)	1.115 (28.3)	.720 (18.3)	1.000 (25.4)	.275 (7.0)	2-56 UNC-2A	.275 (7.0)
37	1.615 (41.0)	.450 (11.4)	1.265 (32.1)	.760 (19.3)	1.040 (26.4)	.285 (7.2)	2-56 UNC-2A	.285 (7.2)
51	1.565 (39.8)	.495 (12.6)	1.215 (30.9)	.840 (21.3)	1.120 (28.4)	.350 (8.9)	2-56 UNC-2A	.350 (8.9)
51-2	1.965 (49.9)	1.615 (41.0)	.450 (11.4)	.840 (21.3)	1.120 (28.4)	.500 (12.7)	2-56 UNC-2A	.285 (7.2)
67	2.365 (60.1)	2.015 (51.2)	.450 (11.4)	.840 (21.3)	1.120 (28.4)	.500 (12.7)	2-56 UNC-2A	.285 (7.2)
69	2.265 (57.5)	1.515 (38.5)	.495 (11.4)	.840 (21.3)	1.120 (28.4)	.500 (12.7)	2-56 UNC-2A	.320 (8.1)
100	2.305 (58.5)	1.800 (45.7)	.540 (13.7)	.910 (23.1)	1.190 (30.2)	.530 (13.5)	4-40 UNC-2A	.400 (10.2)

Metric dimensions (mm) are indicated in parentheses.

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