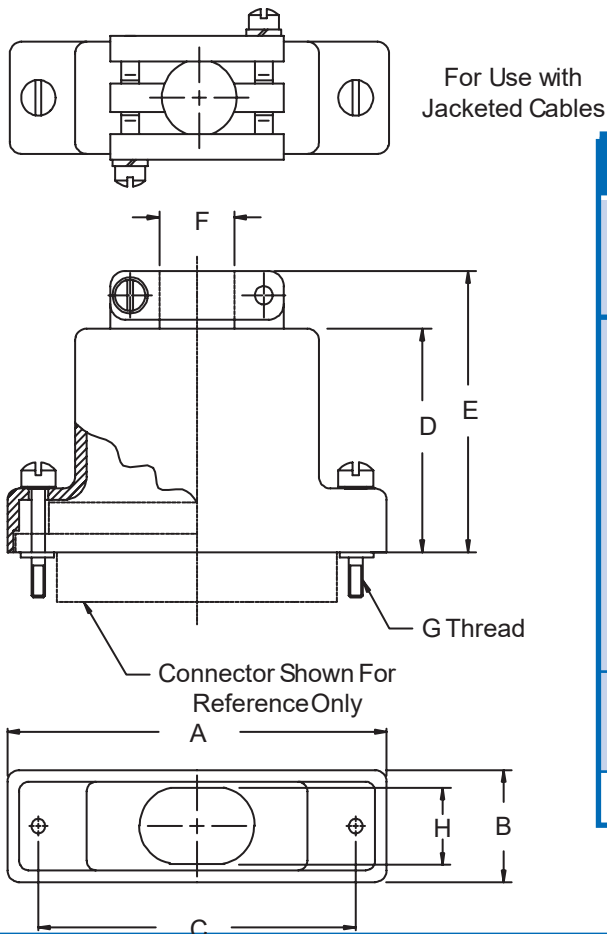


507-146
EMI/RFI Solid Micro-D Backshell
with Strain-Relief for Jacketed Cables



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	21	
	Cadmium Over	25	E – (2) extended jackscrew
	Electroless Nickel	31	
	M – Electroless Nickel	37	H – (2) male hex socket
	NF – Cadmium, Olive Drab Over	51	
	Electroless Nickel	100	F – (2) female jackpost
	Z2 – Gold		
Sample Part Number:			
507-146	M	21	H
* SEE PAGE C-4 FOR COMPLETE INFORMATION			

TABLE I: DIMENSIONS

SHELL SIZE	A		B		C		D		E		F		G THREAD	H	
	Max		Max		±.005	(0.1)	±.010	(0.3)	±.030	(.8)	±.005	(0.1)		±.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.