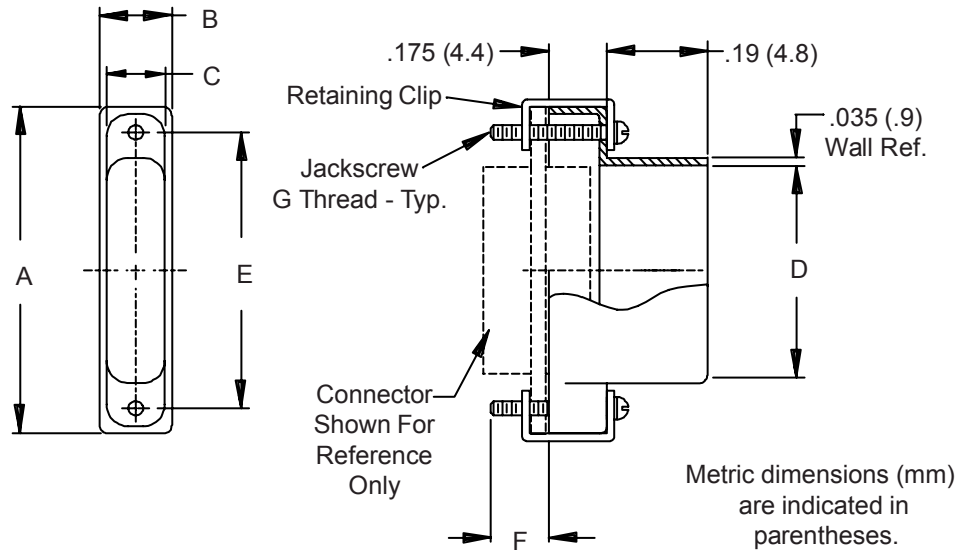


# 507-035 Micro-D Potting Shell



MIL-DTL-83513  
Micro-D

Potting shells are designed to be used with solder cup Micro-D connectors. The potting shell is attached to the connector and filled with encapsulating compounds such as epoxy or RTV. The potting shell is supplied with integral jackscrews and provides a convenient way to protect the exposed solder cup contacts. The low profile shell requires minimal clearance and is made of machined aluminum.



**TABLE I: DIMENSIONS**

SHELL SIZE	A	B	C	D	E	F Ref	G Thread
09	.775 (19.7)	.34 (8.6)	.26 (6.6)	.31 (7.9)	.565 (14.4)	.154 (3.9)	2-56 UNC-2
15	.925 (23.5)	.34 (8.6)	.26 (6.6)	.48 (12.2)	.715 (18.2)	.154 (3.9)	2-56 UNC-2
21	1.075 (27.3)	.34 (8.6)	.26 (6.6)	.65 (16.5)	.865 (22.0)	.154 (3.9)	2-56 UNC-2
25	1.175 (29.8)	.34 (8.6)	.26 (6.6)	.75 (19.1)	.965 (24.5)	.154 (3.9)	2-56 UNC-2
31	1.325 (33.7)	.34 (8.6)	.26 (6.6)	.88 (22.4)	1.115 (28.3)	.154 (3.9)	2-56 UNC-2
37	1.475 (37.5)	.34 (8.6)	.26 (6.6)	1.03 (26.2)	1.265 (32.1)	.154 (3.9)	2-56 UNC-2
51	1.425 (36.2)	.38 (9.7)	.30 (7.6)	.98 (24.9)	1.215 (30.9)	.154 (3.9)	2-56 UNC-2
100	2.160 (54.9)	.43 (10.9)	.36 (9.1)	1.35 (34.3)	1.800 (45.7)	.194 (4.9)	4-40 UNC-2

## HOW TO ORDER

Series	Basic Part Number	Shell Plating *	Shell Size (Table I)
507	035	C – Black Anodize	09
		E – Chem. Film	15
		J – Gold Iridite Over Cadmium Over Electroless Nickel	21
		M – Electroless Nickel	25
		NF – Cadmium, Olive Drab Over Electroless Nickel	31
		Z2 – Gold	37
			51
		100	
<b>Sample Part Number:</b>			
507	— 035	M	21

**\* SEE PAGE C-4 FOR COMPLETE INFORMATION**