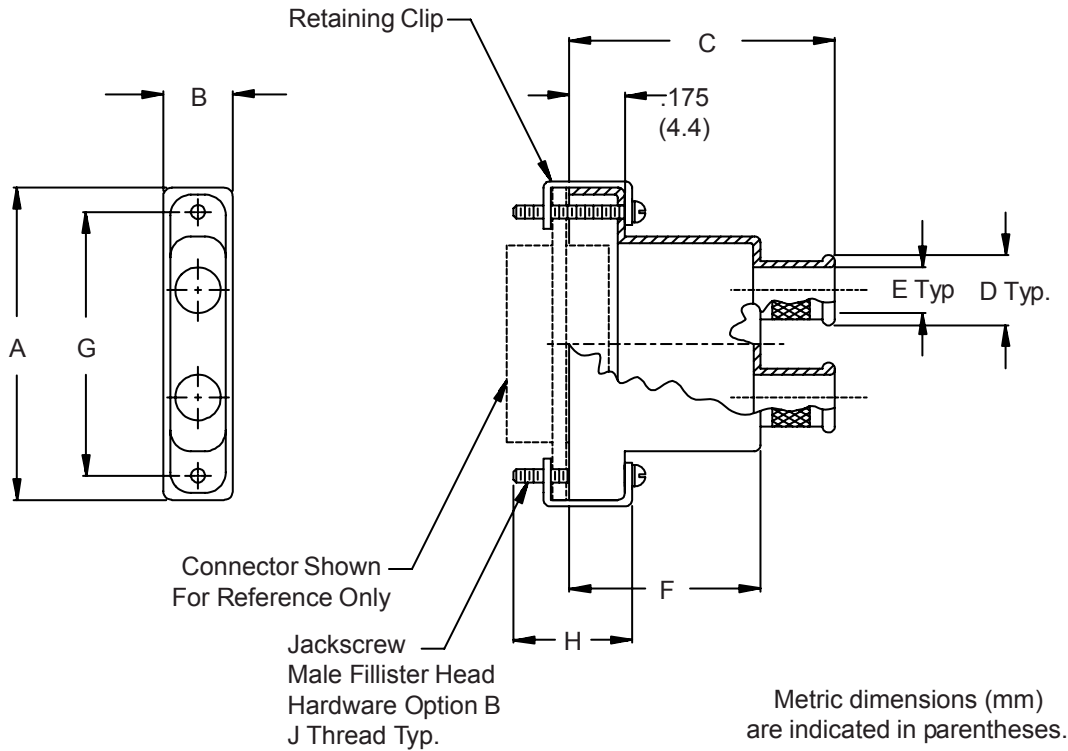


# 507-142 EMI/RFI Dual Entry Micro-D Banding Backshell



## HOW TO ORDER

Series	Basic Part Number	Shell Plating *	Shell Size (Table I)	Hardware Options *	Band Option
507	142	<b>C</b> – Black Anodize <b>E</b> – Chem. Film <b>J</b> – Gold Iridite Over Cadmium Over Electroless Nickel <b>M</b> – Electroless Nickel <b>NF</b> – Cadmium, Olive Drab Over Electroless Nickel <b>Z2</b> – Gold	<b>21</b> <b>25</b> <b>31</b> <b>37</b> <b>51</b> <b>100</b>	<b>B</b> – (2) male fillister head <b>E</b> – (2) extended jackscrew <b>H</b> – (2) male hex socket <b>F</b> – (2) female jackpost	<b>B</b>  Two 600-052 Bands Supplied  (Omit if Not Required)
<b>Sample Part Number:</b>					
507	142	M	21	B	B
* SEE PAGE C-4 FOR COMPLETE INFORMATION					

**507-142**  
**EMI/RFI Dual Entry**  
**Micro-D Banding Backshell**

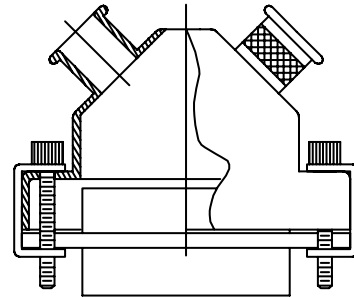


MIL-DTL-83513  
 Micro-D

**See Part Number 500D001**  
**(Page C-14) For Dual 45°**  
**Entry Backshells**

Dual entry backshells provide two cable entries for branched cable assemblies and daisy chain applications. These backshells are designed for use with Glenair's EMI banding system.

- **Two Cable Entries for Daisy Chain**
- **EMI Shielded**
- **One-Piece Machined Aluminum Construction**
- **Supplied with Mounting Hardware**



**TABLE I: DIMENSIONS**

SHELL SIZE	A	B	C	D Dia	E Dia
21	1.075 (27.3)	.34 (8.6)	1.000 (25.4)	.281 (7.1)	.125 (3.2)
25	1.175 (29.8)	.34 (8.6)	1.060 (26.9)	.344 (8.7)	.188 (4.8)
31	1.325 (33.7)	.34 (8.6)	1.120 (28.4)	.406 (10.3)	.250 (6.4)
37	1.475 (37.5)	.34 (8.6)	1.160 (29.5)	.500 (12.7)	.344 (8.7)
51	1.425 (36.2)	.38 (9.7)	1.190 (30.2)	.469 (11.9)	.312 (7.9)
100	2.160 (54.9)	.43 (10.9)	1.250 (31.8)	.688 (17.5)	.500 (12.7)

SHELL SIZE	F	G	H	J THREAD
21	.560 (14.2)	.865 (22.0)	.438 (11.1)	2-56 UNC-2
25	.620 (15.7)	.965 (24.5)	.438 (11.1)	2-56 UNC-2
31	.680 (17.3)	1.115 (28.3)	.438 (11.1)	2-56 UNC-2
37	.720 (18.3)	1.265 (32.1)	.438 (11.1)	2-56 UNC-2
51	.750 (19.1)	1.215 (30.9)	.438 (11.1)	2-56 UNC-2
100	.810 (20.6)	1.800 (45.7)	.469 (11.9)	4-40 UNC-2

Metric dimensions (mm) are indicated in parentheses.