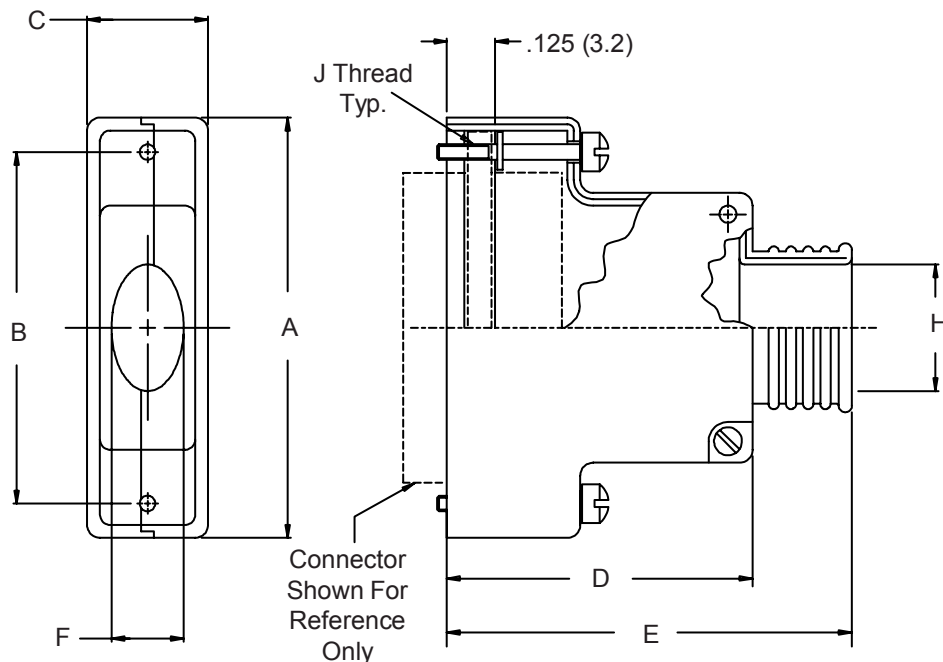


507-164

EMI/RFI Split Banding Micro-D Backshell

Elliptical Entry



HOW TO ORDER

Series	Basic Part Number	Shell Plating *	Shell Size (Table I)	Dash No. (Table II)	Hardware Options *	Band Option
507	164	C – Black Anodize E – Chem. Film J – Gold Iridite Over Cadmium Over Electroless Nickel M – Electroless Nickel NF – Cadmium, Olive Drab Over Electroless Nickel Z2 – Gold	09 15 21 25 31 37 51 100	04 05 06 07 08 09 10 11 12 13 14 15 16	B – (2) male fillister head E – (2) extended jackscrew H – (2) male hex socket F – (2) female jackpost	B 600-057 Band Supplied - (Omit if Not Required)
Sample Part Number:						
507	— 164	M	21	05	B	B
* SEE PAGE C-4 FOR COMPLETE INFORMATION						

Metric dimensions (mm) are indicated in parentheses.

507-164
EMI/RFI Split Banding Micro-D Backshell
Elliptical Entry



MIL-DTL-83513
Micro-D

Elliptical entry Micro-D backshells offer greater wire accommodation than round entry backshells. These rugged aluminum backshells are designed for use with Glenair's EMI bands for shield termination. Please see page C-3 for elliptical entry cable bundle diameters.

- **Elliptical Entry for Increased Wire Bundle Size**
- **Aluminum Alloy**
- **Supplied with Mounting Hardware**

TABLE I: DIMENSIONS

SHELL SIZE	A	B ±.005 (0.1)	C	D ±.010 (.3)
09	.915 (23.2)	.565 (14.4)	.450 (11.4)	.656 (16.7)
15	1.065 (27.1)	.715 (18.2)	.450 (11.4)	.718 (18.2)
21	1.215 (30.9)	.865 (22.0)	.450 (11.4)	.750 (19.1)
25	1.315 (33.4)	.965 (24.5)	.450 (11.4)	.812 (20.6)
31	1.465 (37.2)	1.115 (28.3)	.450 (11.4)	.843 (21.4)
37	1.615 (41.0)	1.265 (32.1)	.450 (11.4)	.906 (23.0)
51	1.565 (39.8)	1.215 (30.9)	.495 (12.6)	.968 (24.6)
100	2.305 (58.5)	1.800 (45.7)	.540 (13.7)	1.031 (26.2)

SHELL SIZE	E Dia ±.020 (.5)	F Dia ±.010 (.3)	G THREAD	DASH NO. (TABLE II)
09	.968 (24.6)	.160 (4.1)	2-56 UNC-2	04
15	1.031 (26.2)	.190 (4.8)	2-56 UNC-2	04, 05
21	1.062 (27.0)	.220 (5.6)	2-56 UNC-2	04 – 06
25	1.125 (28.6)	.260 (6.6)	2-56 UNC-2	05 – 08
31	1.156 (29.4)	.275 (7.0)	2-56 UNC-2	05 – 10
37	1.218 (30.9)	.285 (7.2)	2-56 UNC-2	05 – 13
51	1.281 (32.5)	.350 (8.9)	2-56 UNC-2	06 – 12
100	1.343 (34.1)	.490 (12.4)	4-40 UNC-2	09 – 16

TABLE II: CABLE ENTRY

DASH NO.	H
04	.250 (6.4)
05	.312 (7.9)
06	.375 (9.5)
07	.437 (11.1)
08	.500 (12.7)
09	.562 (14.3)
10	.625 (15.9)
11	.688 (17.5)
12	.750 (19.1)
13	.812 (20.6)
14	.875 (22.2)
15	.938 (23.8)
16	1.000 (25.4)

Metric dimensions (mm) are indicated in parentheses.

Mouser Electronics

Authorized Distributor

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Glenair:

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[507-164M51-212FS](#) [507-164M1505E](#) [507-164M2506HS](#) [507-164M3109HB](#) [507-164M5109BB](#) [507-164M0904HB](#)
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