

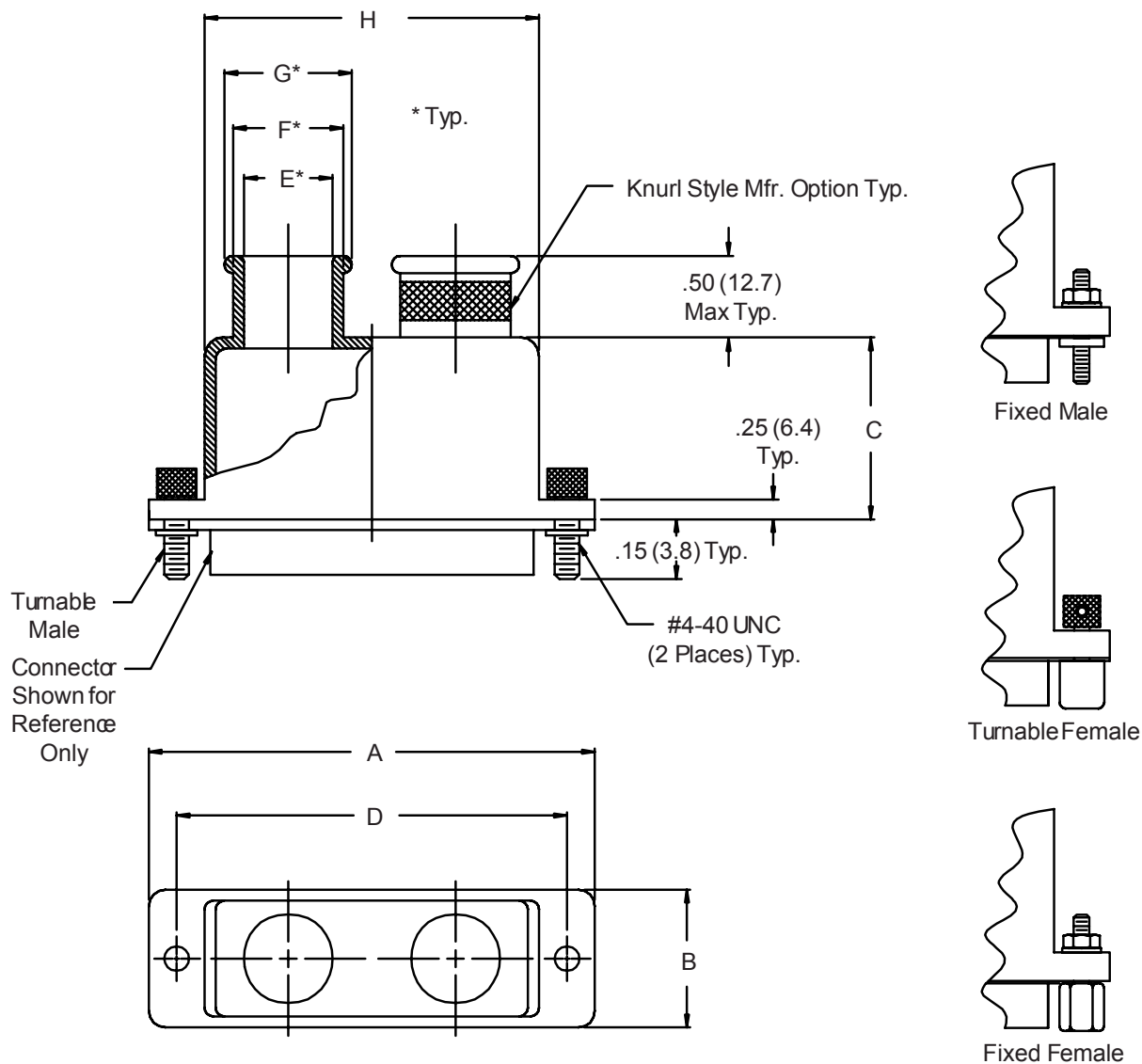


557-080 D-Subminiature Dual-Entry Solid Banding Backshell

557-080 M 2 L B

Basic Part No. _____
 Finish Symbol (Page 3) _____
 Shell Size (Table I) _____

B = Band Supplied (600-052), Omit for None
 Hardware Options, Omit for Standard 2 Turnable
 Males
 L = Part Supplied Less Jackscrew and Clip
 R = Fixed Males
 P = Fixed Females
 N = 1 Fixed Male and 1 Fixed Female
 T = Turnable Females
 F = 1 Turnable Male and 1 Turnable Female
 RT = 1 Fixed Female and 1 Turnable Female
 PF = 1 Fixed Female and 1 Turnable Male



557-080
D-Subminiature Dual-Entry
Solid Banding Backshell



MIL-DTL-24308
D-Subminiature

TABLE I: SHELL SIZE & BACKSHELL DIMENSIONS

Shell Size	A Max	B	C	D ±.005 (.1)
1	1.25 (31.8)	.53 (13.5)	.75 (19.1)	.984 (25.0)
2	1.58 (40.1)	.53 (13.5)	.75 (19.1)	1.312 (33.3)
3	2.13 (54.1)	.53 (13.5)	1.00 (25.4)	1.852 (47.0)
4	2.77 (70.4)	.53 (13.5)	1.00 (25.4)	2.500 (63.5)
5	2.68 (68.1)	.66 (16.8)	1.25 (31.8)	2.406 (61.1)
6	2.77 (70.4)	.73 (18.5)	1.25 (31.8)	2.500 (63.5)

TABLE I (Continued): CABLE ENTRY

Shell Size	E Dia	F Dia	G Dia	H
1	.125 (3.2)	.250 (6.4)	.312 (7.9)	.76 (19.3)
2	.250 (6.4)	.375 (9.5)	.437 (11.1)	1.09 (27.7)
3	.250 (6.4)	.375 (9.5)	.437 (11.1)	1.62 (41.1)
4	.250 (6.4)	.375 (9.5)	.437 (11.1)	2.28 (57.9)
5	.375 (9.5)	.500 (12.7)	.562 (14.3)	2.18 (55.4)
6	.500 (12.7)	.625 (15.9)	.688 (17.5)	2.28 (57.9)

1. Metric dimensions (mm) are indicated in parentheses.
2. **DO NOT USE CONNECTORS WITH FLOAT MOUNTINGS.**

Standard Materials and Finishes



The following are Glenair's standard finishes. Individual product pages within this catalog list their most common finishes. Additional finishes are listed within the table below.

TABLE II - STANDARD FINISHES

GLENAIR M85049 SYMBOL		FINISH	SPECIFICATION(S)
SYMBOL	REFERENCE ONLY		
B		Cadmium Plate, Olive Drab	AMS-QQ-P-416, Type II, Class 3
C*	A	Anodize, Black	AMS-A-8625, Type II, Class 2
G*		Hard Coat, Anodic	AMS-A-8625, Type III, Class 1
J		Iridite, Gold Over Cadmium Plate Over Electroless Nickel	MIL-C-5541, Class 3 AMS-QQ-P-416, Type II, Class 3 over AMS-C-26074, Class 3 or 4, Grade B
LF		Cadmium Plate, Bright Over Electroless Nickel	1000 Hour Corrosion Resistance
M	N	Electroless Nickel	AMS-C-26074, Class 4, Grade B; & ASTM B733-90, SC2, Type 1, Class 4
N		Cadmium Plate, Olive Drab Over Electroless Nickel	AMS-QQ-P-416, Type II, Class 3 over Electroless Nickel AMS-C-26074
NC		Zinc Cobalt, Dark Olive Drab	96 Hour Corrosion Resistance
NF	W	Cadmium Plate, Olive Drab Over Electroless Nickel	1000 Hour Corrosion Resistance
T		Cadmium Plate, Bright Over Electroless Nickel	AMS-QQ-P-416, Type II, Class 3 over Electroless Nickel, AMS-C-26074, Class 3 or 4, Grade B
U**		Cadmium Plate, Black	AMS-QQ-P-416, Type II, Class 3
ZN		Zinc-Nickel Alloy, Olive Drab	ASTMB 841-91, Over Electroless Nickel 1000 Hour Salt Spray

* Anodize finish; not suitable for EMI Shielding or grounding applications.
 ** Applicable to corrosion resisting steel backshells and accessories. Consult factory for other available finishes.

STANDARD MATERIALS - BACKSHELLS AND ACCESSORIES

COMPONENT	MATERIAL	SPECIFICATION
Machined components: such as backshell bodies, fabricated elbows, protective covers, rotatable couplers, dummy stowage receptacles, lock nuts, G-spring support rings, EMI ground rings, grommet followers, etc.	Aluminum	AMS-QQ-A-200 ASTMB221, 209
Die cast components: such as angular backshells, strain relief backshells, strain relief bodies, strain relief saddles, special EMI ground rings, etc.	Aluminum	QQ-A-591 ASTMB85, 26
Backshells or strain reliefs: available in optional corrosion resisting steel; and hardware: such as screws, washers, rivets, wire rope, sash chain, band straps, etc.	Corrosion Resisting Steel	ASTMA582 (300 Series) AMS-QQ-S-763
Elastomeric seals: such as O-rings, cable jacket seals, grommets, etc.	Silicone	ZZ-R-765, MIL-R-25988
Anti-friction and thrust washers	Teflon	TFE
Anti-rotation device	Corrosion Resistant Material	N/A

NOTES

Unless otherwise specified, the following dimensional tolerances will apply:

.xx = $\pm .03$ (0.8)
 .xxx = $\pm .015$ (0.4)
 Lengths = $\pm .060$ (1.52)
 Angles = $\pm 5^\circ$

Metric dimensions (mm) are indicated in parentheses