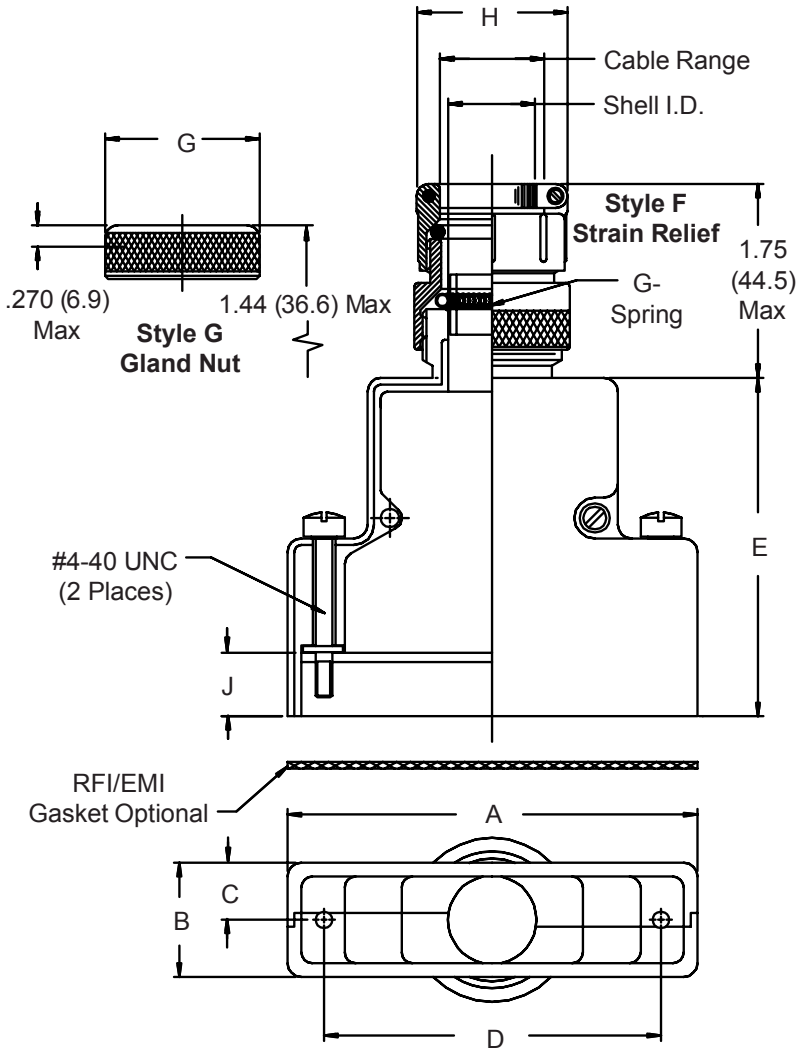




550-010 D-Subminiature G-Spring Split Backshell

550 T 010 M 2 R1 B 1 F 02-04

- Basic Part No. ————
- Cable Entry Style ————
T = Top
- Basic Part Number ————
- Finish Symbol (Page 3) ————
- Shell Size (Table I) ————
- Receptacle Mounting ————
R1-R9 = Rear Mounting (Table III)
Omit for Front Mounting
- Inner Support Ring Dash No. (Table IV), N = No Support Ring
- Cable Entry Dash No. (Table II)
- F = Strain Relief, G = Gland Nut
- 0 = Without EMI Gasket,
1 = With EMI Gasket
- Jackscrew Type (Page A-4)



**TABLE IV:
INNER SUPPORT RING**

Dash No.	I.D.		O.D.	
	±.010	(.3)	±.010	(.3)
01	.187	(4.7)	.227	(5.8)
02	.218	(5.5)	.258	(6.6)
03	.250	(6.4)	.290	(7.4)
04	.281	(7.1)	.321	(8.2)
05	.312	(7.9)	.352	(8.9)
06	.343	(8.7)	.383	(9.7)
07	.375	(9.5)	.415	(10.5)
08	.406	(10.3)	.446	(11.3)
09	.438	(11.1)	.478	(12.1)
10	.468	(11.9)	.508	(12.9)
11	.500	(12.7)	.540	(13.7)
12	.531	(13.5)	.571	(14.5)
13	.562	(14.3)	.602	(15.3)
14	.593	(15.1)	.633	(16.1)
15	.625	(15.9)	.665	(16.9)
16	.656	(16.7)	.696	(17.7)
17	.687	(17.4)	.727	(18.5)
18	.718	(18.2)	.758	(19.3)
19	.750	(19.1)	.790	(20.1)
20	.781	(19.8)	.821	(20.9)
21	.812	(20.6)	.852	(21.6)
22	.843	(21.4)	.883	(22.4)
23	.875	(22.2)	.915	(23.2)
24	.906	(23.0)	.946	(24.0)
25	.937	(23.8)	.977	(24.8)

Consult Factory For Larger Sizes

550-010
D-Subminiature
G-Spring Split Backshell



MIL-DTL-24308
D-Subminiature

TABLE I: SHELL SIZE & CONNECTOR INTERFACE DIMENSIONS

Shell Size	Com'l Shell Size Ref	A		B		D		E		Shell I.D.			
		Max	(mm)	Max	(mm)	±.005	(.1)	(Front Mtd. Re-cept. Only)	(mm)				
1	E/09	1.393	(35.4)	.624	(15.8)	.312	(7.9)	.984	(25.0)	1.625	(41.3)	.250	(6.4)
2	A/15	1.706	(43.3)	.624	(15.8)	.312	(7.9)	1.312	(33.3)	1.625	(41.3)	.375	(9.5)
3	B/25	2.265	(57.5)	.624	(15.8)	.312	(7.9)	1.852	(47.0)	1.844	(46.8)	.475	(12.1)
4	C/37	2.900	(73.7)	.624	(15.8)	.312	(7.9)	2.500	(63.5)	1.844	(46.8)	.475	(12.1)
5	D/50	2.800	(71.1)	.750	(19.1)	.375	(9.5)	2.406	(61.1)	1.844	(46.8)	.575	(14.6)
6	F/104	2.900	(73.7)	.844	(21.4)	.422	(10.7)	2.500	(63.5)	2.000	(50.8)	1.000	(25.4)

TABLE II: CABLE ENTRY

Dash No.	G Max	H Max	Cable Range	
			Min	Max
01	.625 (15.9)	.843 (21.4)	.125 (3.2)	.250 (6.4)
02	.750 (19.1)	.968 (24.6)	.156 (4.0)	.375 (9.5)
03	.875 (22.2)	1.046 (26.6)	.250 (6.4)	.438 (11.1)
04	1.000 (25.4)	1.156 (29.4)	.280 (7.1)	.500 (12.7)
05	1.125 (28.6)	1.218 (30.9)	.375 (9.5)	.625 (15.9)
06	1.250 (31.8)	1.343 (34.1)	.500 (12.7)	.750 (19.1)
07*	1.406 (35.7)	1.468 (37.3)	.687 (17.4)	.875 (22.2)
08*	1.531 (38.9)	1.593 (40.5)	.812 (20.6)	1.000 (25.4)

* Available in Shell Size 6 Only

TABLE III: BACKSHELL DIMENSIONS & PANEL THICKNESS

Dash No.	Panel Thickness	J	E		
			Sizes 1 & 2	Sizes 3 - 5	Size 6
R1	.031 (.8)	.247 (6.3)	1.525 (38.7)	1.745 (44.3)	1.890 (48.0)
R2	.047 (1.2)	.231 (5.9)	1.509 (38.3)	1.728 (43.9)	1.875 (47.6)
R3	.062 (1.6)	.216 (5.5)	1.500 (38.1)	1.720 (43.7)	1.860 (47.2)
R4	.093 (2.4)	.185 (4.7)	1.470 (37.3)	1.690 (42.9)	1.829 (46.5)
R5	.104 (2.6)	.174 (4.4)	1.451 (36.9)	1.671 (42.4)	1.820 (46.2)
R6	.125 (3.2)	.153 (3.9)	1.430 (36.3)	1.650 (41.9)	1.798 (45.7)
R7	.156 (4.0)	.125 (3.2)	1.400 (35.6)	1.620 (41.1)	1.767 (44.9)
R8	.135 (3.4)	.140 (3.6)	1.417 (36.0)	1.637 (41.6)	1.805 (45.8)
R9	.188 (4.8)	.094 (2.4)	1.368 (34.7)	1.590 (40.4)	1.740 (44.2)

1. Metric dimensions (mm) are indicated in parentheses.
2. **DO NOT USE CONNECTORS WITH FLOAT MOUNTINGS.**
3. For front mount, mating connector must be mounted to panel using M24308/26 female screwlocks. For rear mount, use Glenair GK134.
4. For proper termination it is recommended that Glenair 469-001 shield support ring be used on all assemblies. Place ring over wire bundle and under shield, position under G-Spring.