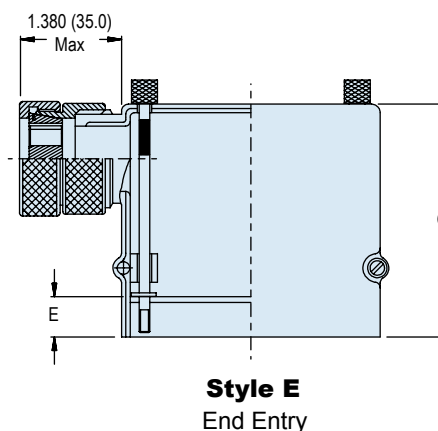
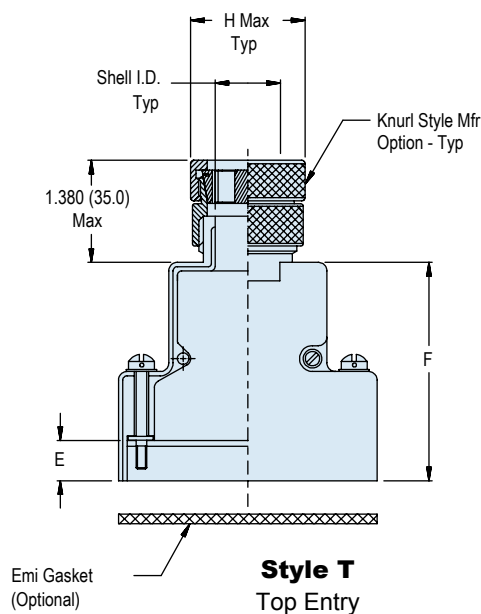
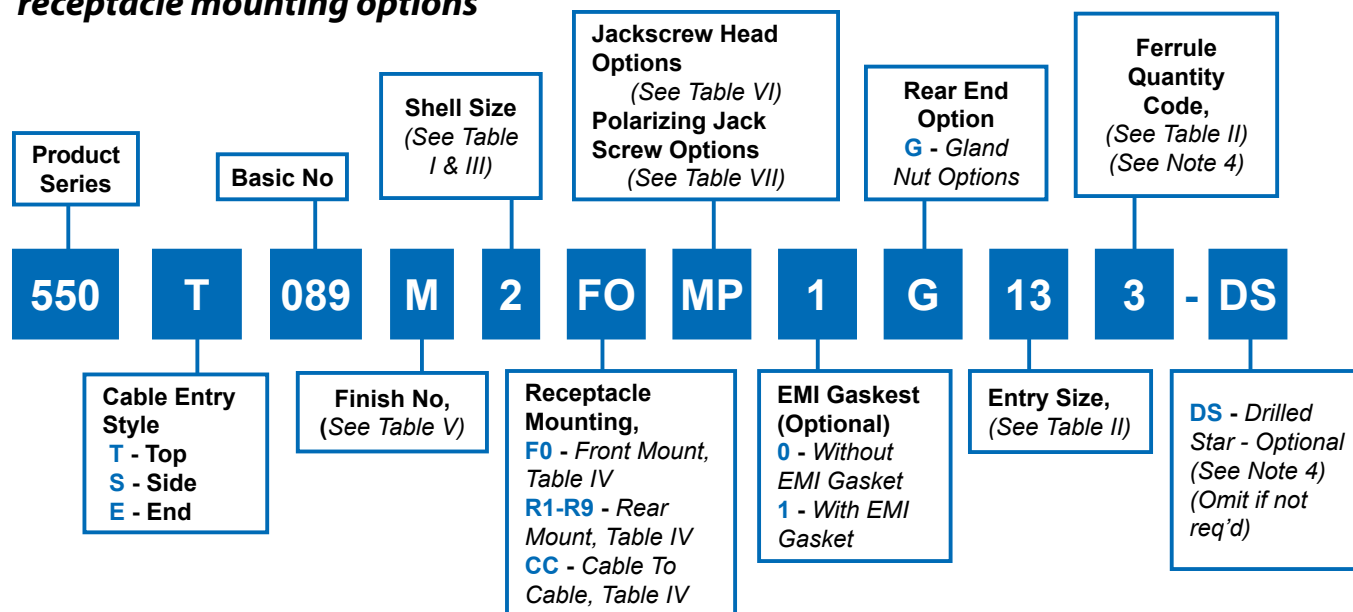




550-089
StarShield™ EMI/RFI Shield Termination
Backshell Assembly
 for MIL-DTL-24308 D-Subminiature



StarShield™ non-environmental shield termination backshell with cable entry and receptacle mounting options



Dimensions in inches (millimeters) and are subject to change without notice.

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 Backshell Assembly**
 for MIL-DTL-24308 D-Subminiature



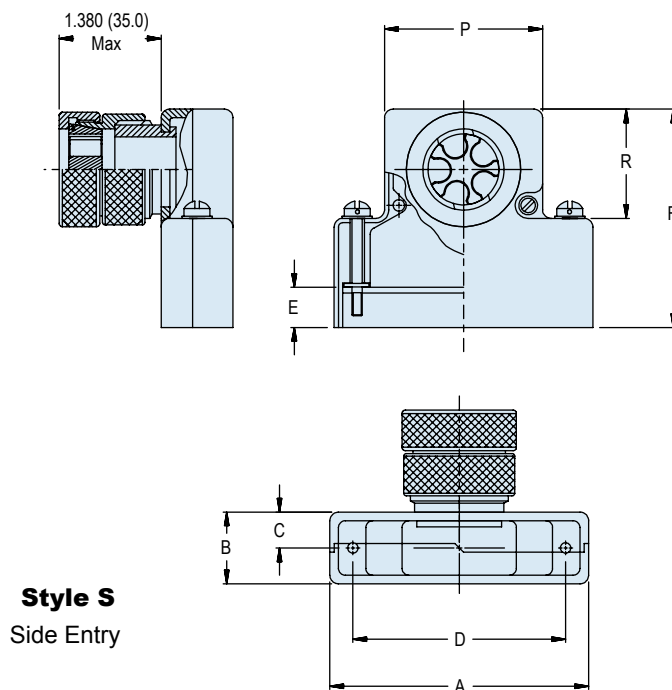
Table I: Dimensions

Shell Size	Com'l Shell Size Ref	Entry Style T Shell I.D.	Entry Style E Shell I.D.	Max Entry
1	E/09	0.250 (6.40)	0.375 (9.50)	13
2	A/15	0.375 (9.50)	0.375 (9.50)	15
3	B/25	0.475 (12.10)	0.475 (12.10)	17
4	C/37	0.475 (12.10)	0.475 (12.10)	21
5	D/50	0.575 (14.60)	0.575 (14.60)	21
6*	F/104	1.000 (25.40)	1.000 (25.40)	23

* Shell size 6 available in top and end entry only.

Table II: Ferrule Quantity

Entry Size	H Dia Max	Ferrule Quantity (See Note 4)	
		Std.	Opt.
9	0.69 (17.50)	1	-
11	0.85 (21.50)	2	-
13	0.89 (22.50)	3	-
15	1.00 (25.50)	5	-
17	1.12 (28.50)	6	7
19	1.24 (31.50)	7	-
21	1.38 (35.00)	9	11
23	1.50 (38.00)	10	13



Notes:

1. Assembly identified with manufacturer's name and p/n, space permitting.
2. For effective grounding, connector with conductive finish should be used.
3. Glenair 600 series backshell assembly tools are recommended for assembly and installation.
4. Star not supplied with entry size 09. Drilled star is available on entry sizes 15-23 only. If optional ferrule qty per Table II is selected, one split and one solid star will be supplied.
5. Ferrules sold separately.

Material/finish:

6. Adapter, backshell, gland nut, compression ring, star - Al alloy/see Table V
7. Hardware - cres/passivate
8. Gasket - metex/n.a.
9. Washer - nylon/n.a.

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StarShield™ EMI/RFI Shield Termination Backshell for MIL-DTL-24308 D-Subminiature

Table III: Common Backshell Dimensions

Shell Size	Com'l Shell Size Ref	A Max	B Max	C Ref	D $\pm .005(.1)$	P	R Ref
1	E/09	1.393 (35.40)	0.624 (15.80)	0.312 (7.90)	0.984 (25.00)	0.730 (18.50)	0.719 (18.30)
2	A/15	1.706 (43.30)	0.624 (15.80)	0.312 (7.90)	1.312 (33.30)	1.050 (26.70)	0.719 (18.30)
3	B/25	2.265 (57.50)	0.624 (15.80)	0.312 (7.90)	1.852 (47.00)	1.594 (40.50)	0.938 (23.80)
4	C/37	2.900 (73.70)	0.624 (15.80)	0.312 (7.90)	2.500 (63.50)	2.240 (56.90)	0.938 (23.80)
5	D/50	2.800 (71.10)	0.750 (19.10)	0.375 (9.50)	2.406 (61.10)	2.140 (54.40)	0.938 (23.80)
6	F/104	2.900 (73.70)	0.844 (21.40)	0.422 (10.70)	2.500 (63.50)	2.240 (56.90)	1.094 (27.80)

Table IV : Cable Mounting Dimensions

Dash No	Panel Thickness	E	F $\pm .031$			G $\pm .031$	
			Size 1 & 2	Size 3 - 5	Size 6	Size 1 & 2	Size 3 - 6
CC	N/A	0.174 (4.40)	1.451 (36.90)	1.671 (42.40)	1.820 (46.20)	1.583 (40.20)	1.831 (46.70)
F0	N/A	0.343 (8.70)	1.625 (41.30)	1.844 (46.80)	2.000 (50.80)	1.750 (44.50)	2.000 (50.80)
R1	0.031 (0.80)	0.247 (6.30)	1.525 (38.70)	1.745 (44.30)	1.890 (48.00)	1.656 (42.10)	1.904 (48.40)
R2	0.047 (1.20)	0.231 (5.90)	1.509 (38.30)	1.728 (43.90)	1.875 (47.60)	1.640 (41.70)	1.888 (48.00)
R3	0.062 (1.60)	0.216 (5.50)	1.500 (38.10)	1.720 (43.70)	1.860 (47.20)	1.625 (41.30)	1.873 (47.60)
R4	0.093 (2.40)	0.185 (4.70)	1.470 (37.30)	1.690 (42.90)	1.829 (46.50)	1.594 (40.50)	1.842 (46.80)
R5	0.104 (2.60)	0.174 (4.40)	1.451 (36.90)	1.671 (42.40)	1.820 (46.20)	1.583 (40.20)	1.831 (46.50)
R6	0.125 (3.20)	0.153 (3.90)	1.430 (36.30)	1.650 (41.90)	1.798 (45.70)	1.563 (39.70)	1.811 (46.00)
R7	0.156 (4.00)	0.125 (3.20)	1.400 (35.60)	1.620 (41.10)	1.767 (44.90)	1.531 (38.90)	1.781 (45.20)
R8	0.135 (3.40)	0.140 (3.60)	1.417 (36.00)	1.637 (41.60)	1.805 (45.80)	1.550 (39.40)	1.798 (45.70)
R9	0.188 (4.80)	0.094 (2.40)	1.368 (34.70)	1.590 (40.60)	1.740 (44.20)	1.500 (38.10)	1.750 (44.50)

Table V: Finish Description

Sym	Finish Description
A	Cadmium/bright dip
B	Cadmium plate/olive drab
E	Iridite/gold
J	Gold iridite over cadmium plate over nickel
M	Electroless nickel
MB	Electroless nickel matte finish
N	Cadmium plate/olive drab over nickel
NC	Zinc cobalt with/olive drab chromate
NF	Cad/o.d. Over electroless nickel (1000 hour salt spray)"
T	Cadmium plate/bright dip over nickel
Y	Gold iridite over cadmium plate

Table VI: Male Jackscrew Head Options

Style T and S	Style T and S	Style T and S	Style T and S	Style T and S	E Style
Type A Socket Head	Type B Fillister Head	Type D Drilled Fillister Head	Type H Hex Head	Type K Knurl Slotted Head	Type J Knurled Slotted Head

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StarShield™
Backshells

Table VII: Polarizing Jackscrew Options

Type EF Extended Turnable - Male & Female	Type EL Extended Turnable Females	Type F Turnable Male & Female
Type L Turnable Females	Type M Turnable Males	Type E Extended Turnable Males
Type N Fixed Male & Female	Type P Fixed Females	Type R Fixed Males
Type MP Turnable Male & Fixed Female		

B