

507-178 EMI/RFI Elliptical Split Shell Banding Backshell



Split Backshell With Elliptical Cable Entry provides added room for larger wire bundles. Terminate cable shields with BandMaster™ ATS microbands. This backshell features floating male screwlocks which allow full mating of the connector before the screws are fastened.

Rugged Aluminum housing with stainless steel hardware, available in standard nickel plating, or choose optional finishes.

How To Order EMI/RFI Split Shell Backshells						
Sample Part Number	507-178	M	25	06	K	F
Series	507-178					
Shell Finish	E – Chem Film (Alodyne) J – Cadmium, Yellow Chromate M – Electroless Nickel NF – Cadmium, Olive Drab Z2 – Gold					
Connector Size	09, 15, 21, 25, 31, 37, 51, 51-2, 67, 69, 100 (See Table I)					
Cable Entry Code	04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16 (See Table II)					
EMI Band Strap Option	OMIT (Leave Blank) - Band Strap Not Supplied B - Microband Supplied (600-057) K - Coiled Microband Supplied (600-057-1)					
Hardware Option	B - Fillister Head Screwlock BJ - Fillister Head Jackscrew H - Hex Head Screwlock HJ - Hex Head Jackscrew E - Extended Screwlock EJ - Extended Jackscrew F - Jackpost, Female (See Table I)					

Notes

1. Assembly Identified with manufacturer's name and P/N space permitting.
2. Use Glenair 600-057 ban and 600-01 tool.
3. Screwlocks: screws float to allow connector to engage completely before tightening.
Jackscrews: screws must be tightened simultaneous with connector engagement
4. Shell size 09 may be supplied with optional configuration J dimension of 1.140 max.

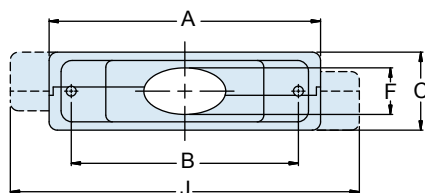
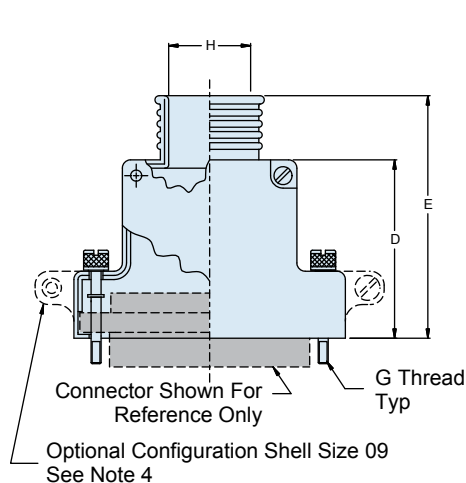
Materials/Finish

- Shell: Aluminum Alloy
- Jackscrews, Washers, Jackposts: 300 Series Stainless Steel, Passivated
- See Ordering Info For Finish Options

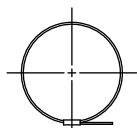


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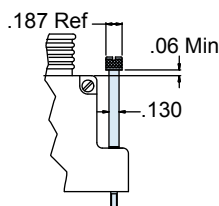
Table I: Dimensions



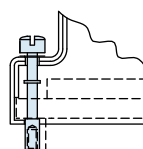
See Note 4



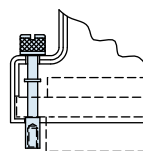
Code K
EMI Band Strap
See Note 2



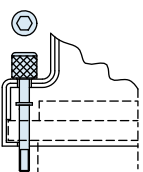
Code E & EJ
EJ - Extended Jackscrew
E - Extended Screwlock



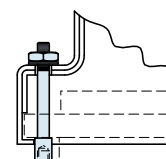
Code B
Filister Head Jackscrew



Code F
Female Jackpost



Code H
Hex Socket Head Jackscrew



Code FF
Fixed Female Jackpost

Table II: Cable Entry Code

Code	H		Available on Shell Size
	In. ± .010	mm. ± 0.25	
04	.250	6.35	09, 15, 21
05	.312	7.92	15 Thru 31
06	.375	9.53	21 Thru 51
07	.437	11.10	25 Thru 51
08	.500	12.70	25 Thru 51
09	.562	14.27	31 Thru 100
10	.625	15.88	31 Thru 100
11	.688	17.48	37 Thru 100
12	.750	19.05	37 Thru 100
13	.812	20.62	37,51-2,67,69,100
14	.875	22.23	51-2, 67, 69, 100
15	.938	23.83	51-2, 67, 69, 100
16	1.000	25.40	51-2, 67, 69, 100

Size	A Max.		B		C Max.		D		E		F		G Thread	Available Dash No. Table III
	In.	mm.	In.	mm.	In.	mm.	In. ± .010	mm. ± 0.25	In. ± .020	mm. ± .022	In. ± .005	mm. ± .127		
09	.915	23.24	.565	14.35	.450	11.43	.701	17.81	1.013	25.73	.160	4.06	2-56 UNC-2A	04
15	1.065	27.05	.715	18.16	.450	11.43	.763	19.38	1.076	27.33	.190	4.83	2-56 UNC-2A	04-05
21	1.215	30.86	.865	21.97	.450	11.43	.795	20.19	1.107	28.12	.220	5.59	2-56 UNC-2A	04-06
25	1.315	33.40	.965	24.51	.450	11.43	.857	21.77	1.170	29.72	.260	6.60	2-56 UNC-2A	05-08
31	1.465	37.21	1.115	28.32	.450	11.43	.888	22.56	1.201	30.51	.275	6.99	2-56 UNC-2A	05-10
37	1.615	41.02	1.265	32.13	.450	11.43	.951	24.16	1.263	32.08	.285	7.24	2-56 UNC-2A	06-13
51	1.565	39.75	1.215	30.86	.495	12.57	1.013	25.73	1.326	33.68	.350	8.89	2-56 UNC-2A	06-12
51-2	1.965	49.91	1.615	41.02	.450	11.43	1.013	25.73	1.326	33.68	.350	8.89	2-56 UNC-2A	13-16
67	2.365	60.07	2.015	51.18	.450	11.43	1.013	25.73	1.326	33.68	.350	8.89	2-56 UNC-2A	13-16
69	1.865	47.37	1.515	38.48	.495	12.57	1.013	25.73	1.326	33.68	.350	8.89	2-56 UNC-2A	13-16
100	2.305	58.55	1.800	45.72	.540	13.72	1.076	27.33	1.388	35.26	.490	12.45	4-40 UNC-2A	09-16