507-175
Straight, Top, and 45° Entry EMI/RFI
Elliptical Banding Backshell

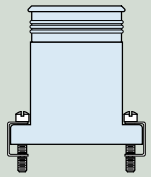
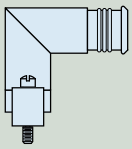
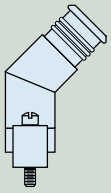
17-7PH Stainless Steel Clips attach the backshell to the connector. These backshells accept standard and micro BandMaster™ ATS shield termination straps.

Straight, 45° and Right Angle elliptical backshell provides plenty of working room for complicated wiring situations.

Rugged One-Piece Aluminum Shell with stainless steel hardware, available in standard nickel plating, or choose optional finishes.

How To Order EMI/RFI Elliptical Backshells					
Sample Part Number	**507E175**	**M**	**25**	**04**	
Series	**507T175** - Top Entry **507S175** - Side Entry **507E175** - 45° Side Entry (See Table I)				
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 III)				
Cable Entry Code	**01, 02, 03, 04, 05, 06, 07, 08** (See Table IV)				
Hardware Option	**OMIT** (Leave Blank) – Fillister Head Jackscrew **H** – Hex Head Jackscrew **E** – Extended Jackscrew **F** - Jackpost, Female (See Table II)				

Table I: Entry Styles

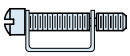
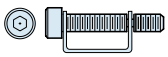
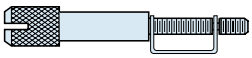
507T175 Top Entry	507S175 Side Entry	507E175 45° Entry
		

Materials

(See Ordering Info For Finish Options)

- Shell: Aluminum Alloy 6061 -T6 Per QQ-A-200, QQ-A-225 (Machined Components)
- Aluminum Alloy 6061-T6 Per QQ-A-591 (A380) (Die-Cast Components)
- Clips: 17-7PH Stainless Steel
- Jackscrews, Washers, Jackposts: 300 Series Stainless Steel, Passivated

Table II: Hardware Option

			
B - Fillister Head Jackscrew	**H** - Hex Head Jackscrew	**E** - Extended Jackscrew (Not for 45° Entry)	**F** - Jackpost, Female

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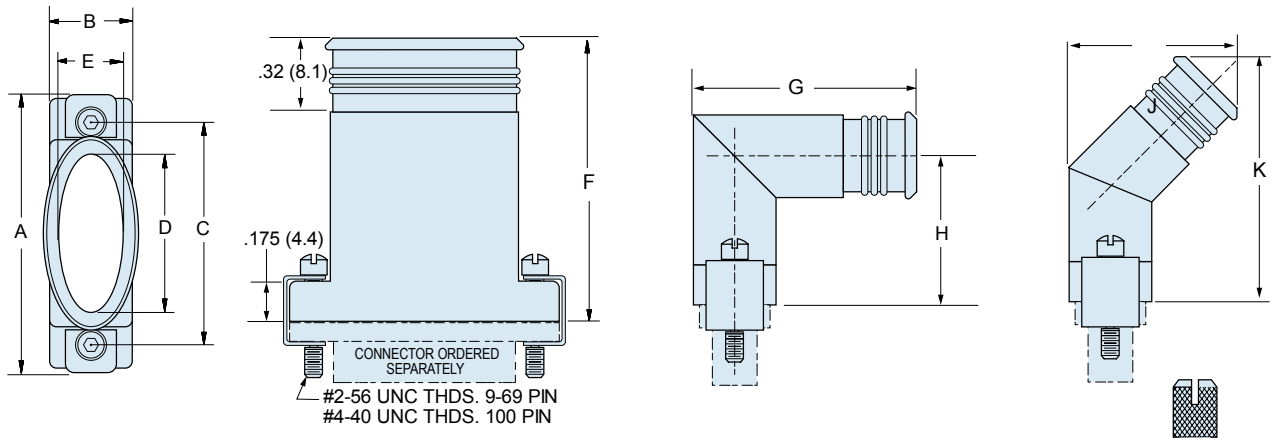
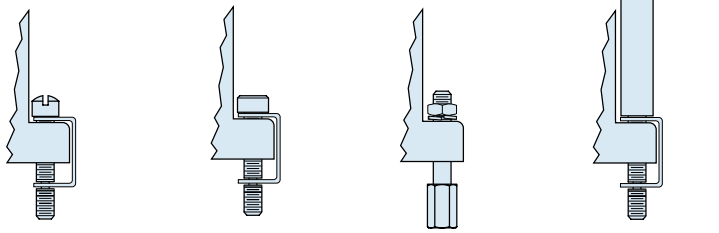
Elliptical Banding Backshell

Table III: Dimensions





STANDARD FILLISTER HEAD JACKSCREW | CODE H HEX HEAD JACKSCREW | CODE F FEMALE JACKPOST | CODE E EXTENDED JACKSCREW

Table IV: Cable Entry Sizes

Cable Entry Code	D		E		Available on Shell Size
	In. ± .010	mm. ±0.25	In. ± .010	mm. ±0.25	
01	.344	8.74	.290	7.37	09 Thru 100
02	.494	12.55	.290	7.37	15 Thru 100
03	.644	16.36	.290	7.37	21 Thru 100
04	.744	18.90	.304	7.72	25 Thru 100
05	.894	21.34	.304	7.72	31 Thru 100
06	.994	25.25	.304	7.72	37 Thru 100
07	1.044	26.52	.304	7.72	37 and 100
08	1.024	26.01	.384	9.75	100

Size	A Max.		B Max.		C		F Max.		G Max.		H Max.		J Max.		K Max.	
	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
09	.850	21.59	.370	9.40	.565	14.35	.782	19.86	.970	24.64	.668	16.97	.673	17.09	.851	21.62
15	1.000	25.40	.370	9.40	.715	18.16	.832	21.13	.970	24.64	.668	16.97	.673	17.09	.876	22.25
21	1.150	29.21	.370	9.40	.865	21.97	.882	22.40	.970	24.64	.668	16.97	.673	17.09	.901	22.89
25	1.250	31.75	.370	9.40	.965	24.51	.932	23.67	.990	25.15	.678	17.22	.700	17.78	.943	23.95
31	1.400	35.56	.370	9.40	1.115	28.32	.972	24.69	.990	25.15	.678	17.22	.700	17.78	.963	24.46
37	1.550	39.37	.370	9.40	1.265	32.13	.972	24.69	.990	25.15	.678	17.22	.700	17.78	.983	24.97
51	1.500	38.10	.410	10.41	1.215	30.86	1.092	27.74	1.030	26.16	.698	17.73	.758	19.25	1.050	26.67
51-2	1.910	48.51	.370	9.40	1.615	41.02	1.092	27.74	1.030	26.16	.698	17.73	.758	19.25	1.050	26.67
67	2.310	58.67	.370	9.40	2.015	51.18	1.092	27.74	1.030	26.16	.698	17.73	.758	19.25	1.050	26.67
69	1.810	45.97	.410	10.41	1.515	38.48	1.092	27.74	1.030	26.16	.698	17.73	.758	19.25	1.050	26.67
100	2.235	56.77	.460	11.68	1.800	45.72	1.157	29.39	1.090	27.69	.723	18.36	.824	20.93	1.130	28.70

