



# 500-047 EMI/RFI Elliptical Banding Backshell



**Elliptical Backshells** provide extra room for large wire bundles. This one piece version features an oversize shield termination area for both standard and micro BandMaster™ ATS shield termination straps.

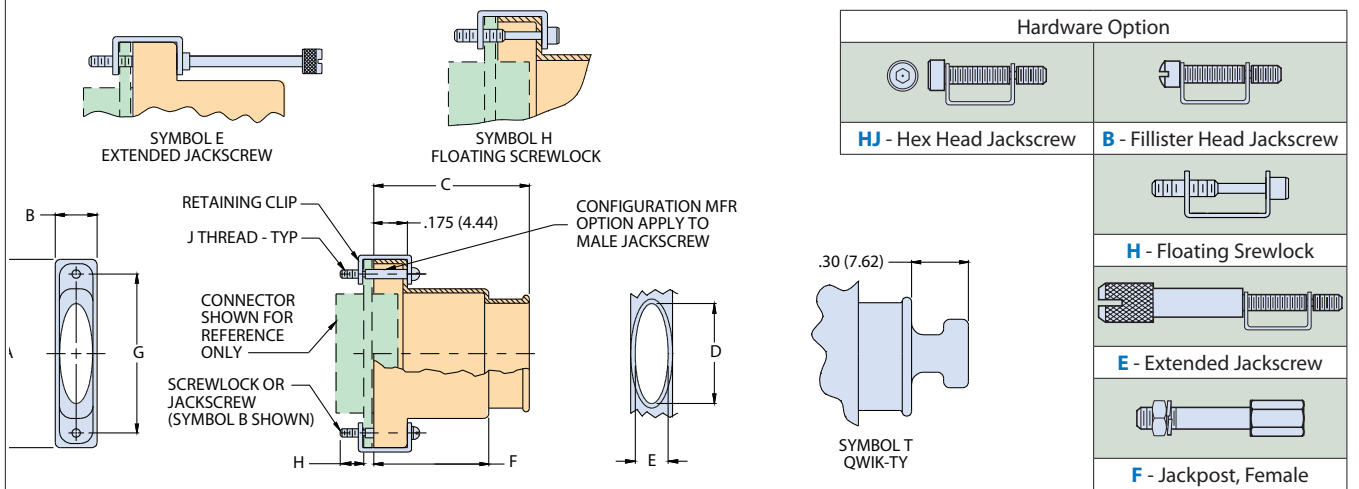
### Materials

- Shell: Aluminum Alloy
- Clips: 17-7PH Stainless Steel
- Hardware: 300 Series Stainless Steel

### How To Order EMI/RFI Elliptical Backshells

<b>Sample Part Number</b>	<b>500-047</b>	<b>M</b>	<b>25</b>	<b>B</b>	<b>T</b>
<b>Series</b>	<b>500-047</b>				
<b>Shell Finish</b>	<b>E</b> – Chem Film (Alodyne) <b>M</b> – Electroless Nickel	<b>J</b> – Cadmium, Yellow Chromate <b>NF</b> – Cadmium, Olive Drab	<b>Z2</b> – Gold		
<b>Connector Size</b>	<b>09, 15, 21, 25, 31, 37 51, 51-2, 67, 69, 100</b> (See Table I)				
<b>Hardware Option</b>	<b>HJ</b> – Hex Head Jackscrew <b>E</b> – Extended Jackscrew	<b>B</b> – Fillister Head Jackscrew <b>F</b> – Jackpost, Female	<b>H</b> – Floating Screwlock (See Table I)		
<b>EMI Band Strap Option</b>	<b>Omit</b> (Leave Blank) – Band Not Included <b>B</b> – Standard Band .250" Wide <b>M</b> – Micro Band .125" Wide				
<b>Qwik-Ty Option</b>	<b>T</b> – with Qwik-Ty <b>Omit</b> for none				

**Table I: Dimensions**



Size	A		B		C		D Dia		E Dia		F		G		H Ref.		J Thread
	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	
<b>09</b>	.775	19.69	.34	8.64	.75	19.05	.312	7.92	.281	7.14	.32	8.13	.565	14.35	.154	3.91	2-56 UNC-2A
<b>15</b>	.925	23.50	.34	8.64	.88	22.35	.420	10.67	.281	7.14	.44	11.18	.715	18.16	.154	3.91	2-56 UNC-2A
<b>21</b>	1.075	27.31	.34	8.64	1.00	25.40	.590	14.99	.281	7.14	.56	14.22	.865	21.97	.154	3.91	2-56 UNC-2A
<b>25</b>	1.175	29.85	.34	8.64	1.06	26.92	.690	17.53	.281	7.14	.62	15.75	.965	24.51	.154	3.91	2-56 UNC-2A
<b>31</b>	1.325	33.66	.34	8.64	1.12	28.45	.820	20.83	.281	7.14	.68	17.27	1.115	28.32	.154	3.91	2-56 UNC-2A
<b>37</b>	1.475	37.47	.34	8.64	1.16	29.46	.970	24.64	.281	7.14	.72	18.29	1.265	32.13	.154	3.91	2-56 UNC-2A
<b>51</b>	1.425	36.20	.38	9.65	1.19	30.23	.920	23.37	.312	7.92	.75	19.05	1.215	30.86	.154	3.91	2-56 UNC-2A
<b>51-2</b>	1.835	46.61	.34	8.64	1.19	30.23	1.030	26.16	.281	7.14	.75	19.05	1.615	41.02	.154	3.91	2-56 UNC-2A
<b>69</b>	1.730	43.94	.40	10.16	1.19	30.23	1.190	30.23	.312	7.92	.75	19.05	1.515	38.48	.154	3.91	2-56 UNC-2A
<b>100</b>	2.160	54.86	.43	10.92	1.25	31.75	1.290	32.77	.360	9.14	.81	20.57	1.800	45.72	.184	4.67	4-40 UNC-2A