



# EMI/RFI Elliptical Banding Backshell 500-047



**Elliptical Backshells** provide extra room for large wire bundles. This one piece version features an oversize shield termination area for both standard and micro **BAND-IT®** shield termination straps.

### MATERIALS

Shell	Aluminum Alloy 6061 -T6
Clips	17-7PH Stainless Steel
Hardware	300 Series Stainless Steel

### HOW TO ORDER 500-047 ELLIPTICAL BACKSHELLS

Series	Shell Finish	Connector Size		Hardware Option	EMI Band Strap Option
500-047	<b>E</b> – Chem Film	<b>09</b>	<b>51</b>	<b>B</b> – Fillister Head Jackscrew	<b>Omit (Leave Blank) Band Not Included</b>
	<b>J</b> – Cadmium, Yellow Chromate	<b>15</b>	<b>51-2</b>		
	<b>M</b> – Electroless Nickel	<b>21</b>	<b>67</b>	<b>H</b> – Hex Head Jackscrew	
	<b>NF</b> – Cadmium, Olive Drab	<b>25</b>	<b>69</b>		
	<b>31</b>	<b>100</b>	<b>E</b> – Extended Jackscrew	<b>F</b> – Jackpost, Female	
	<b>37</b>				
<b>Sample Part Number</b>					
<b>500-047</b>	<b>M</b>	<b>25</b>		<b>H</b>	



Size	A Max.		B Max.		C		D Max.		E		F Max.		G Max.		H Max.	
	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
<b>09</b>	.850	21.59	.370	9.40	.565	14.35	.312	7.92	.281	7.14	.450	11.43	.481	12.22	.780	19.81
<b>15</b>	1.000	25.40	.370	9.40	.715	18.16	.420	10.67	.281	7.14	.450	11.43	.589	14.96	.910	23.11
<b>21</b>	1.150	29.21	.370	9.40	.865	21.97	.591	15.01	.281	7.14	.450	11.43	.759	19.28	1.030	26.16
<b>25</b>	1.250	31.75	.370	9.40	.965	24.51	.690	17.53	.281	7.14	.450	11.43	.859	21.82	1.090	27.68
<b>31</b>	1.400	35.56	.370	9.40	1.115	28.32	.820	20.83	.281	7.14	.450	11.43	.989	25.12	1.150	29.21
<b>37</b>	1.550	39.37	.370	9.40	1.265	32.13	.970	24.64	.281	7.14	.450	11.43	1.139	28.93	1.180	29.97
<b>51</b>	1.500	38.10	.410	10.41	1.215	30.86	.920	23.37	.312	7.92	.481	12.22	1.089	27.66	1.220	30.99
<b>51-2</b>	1.910	48.51	.370	9.40	1.615	41.02	1.030	26.16	.281	7.14	.450	11.43	1.489	37.82	1.220	30.99
<b>67</b>	2.310	58.67	.370	9.40	2.015	51.18	1.720	43.69	.281	7.14	.450	11.43	1.889	47.98	1.220	30.99
<b>69</b>	1.810	45.97	.410	10.41	1.515	38.48	1.220	30.99	.312	7.92	.481	12.22	1.389	35.28	1.220	30.99
<b>100</b>	2.235	56.77	.460	11.68	1.800	45.72	1.290	32.77	.360	9.14	.529	13.44	1.459	37.06	1.280	32.51