

EMI/RFI Elliptical Split Shell Banding Backshell 507-178



Micro-D
Backshells



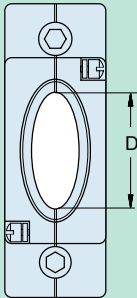
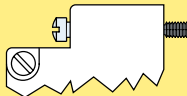
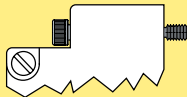
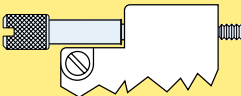
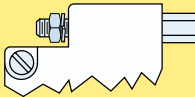
Split Backshell With Elliptical Cable Entry provides added room for larger wire bundles. Terminate cable shields with **BAND-IT®** microbands.

Choose Screwlocks or Jackscrews 507-178 backshells offer two ways to attach mating connectors. **Jackscrews** must be tightened in order to mate the connectors.

Screwlocks allow the connectors to be mated prior to engaging the screws.

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

HOW TO ORDER 507-178 EMI BACKSHELLS

Series	Shell Finish	Connector Size	Cable Entry Code	Hardware Option	EMI Band Strap Option																																																								
507-178	E – Chem Film (Alodyne) J – Cadmium, Yellow Chromate M – Electroless Nickel NF – Cadmium, Olive Drab Z2 – Gold	09	D In. mm. Available on Shell Size <table><tr><th>Code</th><th>± .010</th><th>± 0.25</th><th></th></tr><tr><td>04</td><td>.250</td><td>6.35</td><td>09, 15, 21</td></tr><tr><td>05</td><td>.312</td><td>7.92</td><td>15 Thru 31</td></tr><tr><td>06</td><td>.375</td><td>9.53</td><td>21 Thru 51</td></tr><tr><td>07</td><td>.437</td><td>11.10</td><td>25 Thru 51</td></tr><tr><td>08</td><td>.500</td><td>12.70</td><td>25 Thru 51</td></tr><tr><td>09</td><td>.562</td><td>14.27</td><td>31 Thru 100</td></tr><tr><td>10</td><td>.625</td><td>15.88</td><td>31 Thru 100</td></tr><tr><td>11</td><td>.688</td><td>17.48</td><td>37 Thru 100</td></tr><tr><td>12</td><td>.750</td><td>19.05</td><td>37 Thru 100</td></tr><tr><td>13</td><td>.812</td><td>20.62</td><td>37,51-2,67,69,100</td></tr><tr><td>14</td><td>.875</td><td>22.23</td><td>51-2, 67, 69, 100</td></tr><tr><td>15</td><td>.938</td><td>23.83</td><td>51-2, 67, 69, 100</td></tr><tr><td>16</td><td>1.000</td><td>25.40</td><td>51-2, 67, 69, 100</td></tr></table> 	Code	± .010	± 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	B – Fillister Head Screwlock BJ – Fillister Head Jackscrew  H – Hex Head Screwlock HJ – Hex Head Jackscrew  E – Extended Screwlock BJ – Extended Jackscrew  F – Jackpost, Female 	OMIT- Band Strap Not Supplied B – Microband Supplied (600-057) K – Coiled Microband Supplied (600-057-1)
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Sample Part Number					
507-178	M	25	06	F	K

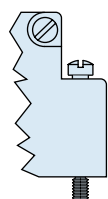
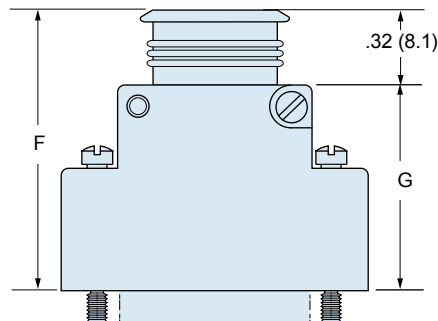
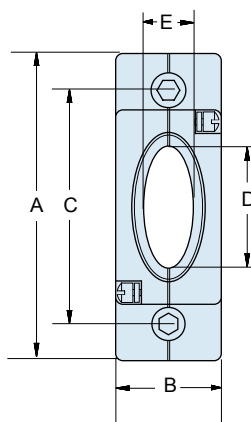
M

MATERIALS (SEE ORDERING INFO FOR FINISH OPTIONS)

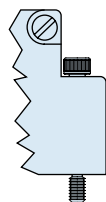
Shell, Saddle Clamps	Aluminum Alloy 6061 -T6 Per QQ-A-200, QQ-A-225 (Machined Components) Aluminum Alloy 6061-T6 Per QQ-A-591 (A380) (Die-Cast Components)
Clips	17-7PH Stainless Steel
Jackscrews, Washers, Jackposts	300 Series Stainless Steel, Passivated

CABLE ENTRY

Code	D		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
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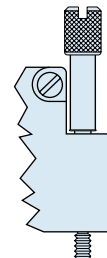
CODE B & BJ
FILLISTER HEAD



CODE H & HJ
HEX HEAD



CODE F
FEMALE
JACKPOST



CODE E & EJ
EXTENDED

DIMENSIONS

Size	A Max.		B Max.		C		E		F Max.		G Max.	
	In.	mm.	In.	mm.	In.	mm.	In. ± .010	mm. ± 0.25	In.	mm.	In.	mm.
09	.915	23.24	.450	11.43	.565	14.35	.160	4.06	1.033	26.24	.721	18.31
15	1.065	27.05	.450	11.43	.715	18.16	.190	4.83	1.096	27.84	.783	19.89
21	1.215	30.86	.450	11.43	.865	21.97	.220	5.59	1.127	28.63	.815	20.70
25	1.315	33.40	.450	11.43	.965	24.51	.260	6.60	1.190	30.23	.877	22.28
31	1.465	37.21	.450	11.43	1.115	28.32	.275	6.99	1.221	31.01	.908	23.06
37	1.615	41.02	.450	11.43	1.265	32.13	.285	7.24	1.283	32.59	.971	24.66
51	1.565	39.75	.495	12.57	1.215	30.86	.350	8.89	1.346	34.19	1.033	26.24
51-2	1.965	49.91	.450	11.43	1.615	41.02	.350	8.89	1.346	34.19	1.033	26.24
67	2.365	60.07	.450	11.43	2.015	51.18	.350	8.89	1.346	34.19	1.033	26.24
69	1.865	47.37	.495	12.57	1.515	38.48	.350	8.89	1.346	34.19	1.033	26.24
100	2.305	58.55	.540	13.72	1.800	45.72	.490	12.45	1.408	35.76	1.096	27.83