

**799-015**  
**Low Profile EMI Backshell**  
**for 790-024 and 790-025 Cable Connectors**  
**How To Order**



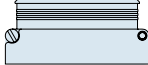

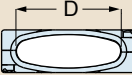

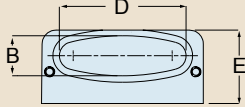
**799-015 Low Profile EMI Backshell**  
**FOR 790-024 AND 790-025 CABLE CONNECTORS**



Attach cable braid to connector with 799-015 adapters. These adapters fit securely into a groove on 790-024 and 790-025 cable connectors. Terminate shields with **BAND-IT**® 300 Series SST/Passivate I.A.W. AMS 2700. Elliptical cable entry provides room for large wire bundles. Machined T6061 aluminum adapters consist of two interlocking housings, two fillister head screws and two lockwashers. These lightweight, space-saving adapters are compatible with captive screws on connector flange. This adapter is non environmental. Fill with potting compound to prevent water intrusion.

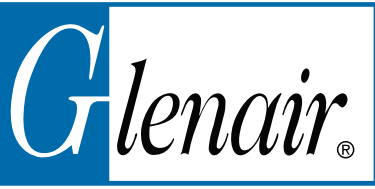
**How To Order**

**Sample Part Number**

<b>799-015T</b>	<b>M</b>	<b>B</b>	<b>02</b>	<b>N</b>	<b>02</b>																																																																																												
<b>Part Number</b>	<b>Shell Finish</b>	<b>Shell Size</b>	<b>Cable Entry Size</b>	<b>Band Option</b>	<b>Optional Height Code*</b>																																																																																												
 <b>799-015T</b> Top Entry   <b>799-015S</b> Side Entry	<p><b>M</b> Electroless Nickel <i>general purpose applications</i></p> <p><b>MT</b> Nickel-PTFE <i>1000 Hour Grey™ maximum corrosion protection and durability (non-reflective grey)</i></p> <p><b>ZNU</b> Zinc-Nickel with Black Chromate <i>tactical applications (non-reflective black)</i></p> <p>Additional shell finishes are listed on page C-9.</p>	<p><b>A</b></p> <p><b>B</b></p> <p><b>C</b></p> <p><b>D</b></p> <p><b>E</b></p> <p><b>F</b></p> <p><b>G</b></p> <p><b>H</b></p> <p><b>J</b></p> <p><b>K</b></p> <p><b>L</b></p> <p><b>M</b></p>	 <table border="1"> <thead> <tr> <th rowspan="2">Cable Entry Code</th> <th colspan="2">D</th> <th rowspan="2">Shell Size</th> </tr> <tr> <th>In.</th> <th>mm.</th> </tr> </thead> <tbody> <tr><td><b>01</b></td><td>.140</td><td>3.56</td><td>A-M</td></tr> <tr><td><b>02</b></td><td>.290</td><td>7.37</td><td>B-M</td></tr> <tr><td><b>03</b></td><td>.440</td><td>11.18</td><td>C-M</td></tr> <tr><td><b>04</b></td><td>.540</td><td>13.72</td><td>D-M</td></tr> <tr><td><b>05</b></td><td>.690</td><td>17.53</td><td>E-M</td></tr> <tr><td><b>06</b></td><td>.810</td><td>20.57</td><td>F-M</td></tr> <tr><td><b>07</b></td><td>1.000</td><td>25.40</td><td>H-M</td></tr> <tr><td><b>08</b></td><td>1.190</td><td>30.23</td><td>H-M</td></tr> <tr><td><b>09</b></td><td>1.305</td><td>33.15</td><td>K-M</td></tr> <tr><td><b>10</b></td><td>1.420</td><td>36.07</td><td>K-M</td></tr> <tr><td><b>11</b></td><td>1.600</td><td>40.64</td><td>K</td></tr> <tr><td><b>12</b></td><td>1.500</td><td>38.10</td><td>K and M</td></tr> </tbody> </table>	Cable Entry Code	D		Shell Size	In.	mm.	<b>01</b>	.140	3.56	A-M	<b>02</b>	.290	7.37	B-M	<b>03</b>	.440	11.18	C-M	<b>04</b>	.540	13.72	D-M	<b>05</b>	.690	17.53	E-M	<b>06</b>	.810	20.57	F-M	<b>07</b>	1.000	25.40	H-M	<b>08</b>	1.190	30.23	H-M	<b>09</b>	1.305	33.15	K-M	<b>10</b>	1.420	36.07	K-M	<b>11</b>	1.600	40.64	K	<b>12</b>	1.500	38.10	K and M	<p><b>N</b> No Band Supplied</p> <p><b>M</b> <b>BAND-IT</b>™ Micro-Band Included. .125 (3.18) Wide.</p> 	 <table border="1"> <thead> <tr> <th rowspan="2">Height Code</th> <th colspan="2">E</th> </tr> <tr> <th>In.</th> <th>mm.</th> </tr> </thead> <tbody> <tr><td><b>01</b></td><td>.810</td><td>20.6</td></tr> <tr><td><b>02</b></td><td>.940</td><td>23.9</td></tr> <tr><td><b>03</b></td><td>1.060</td><td>26.9</td></tr> <tr><td><b>04</b></td><td>1.190</td><td>30.2</td></tr> <tr><td><b>05</b></td><td>1.310</td><td>33.3</td></tr> <tr><td><b>06</b></td><td>1.440</td><td>36.6</td></tr> <tr><td><b>07</b></td><td>1.560</td><td>39.6</td></tr> <tr><td><b>08</b></td><td>1.690</td><td>42.9</td></tr> <tr><td><b>09</b></td><td>1.810</td><td>46.0</td></tr> <tr><td><b>10</b></td><td>1.940</td><td>49.3</td></tr> <tr><td><b>Omit</b></td><td>.690</td><td>17.5</td></tr> </tbody> </table>	Height Code	E		In.	mm.	<b>01</b>	.810	20.6	<b>02</b>	.940	23.9	<b>03</b>	1.060	26.9	<b>04</b>	1.190	30.2	<b>05</b>	1.310	33.3	<b>06</b>	1.440	36.6	<b>07</b>	1.560	39.6	<b>08</b>	1.690	42.9	<b>09</b>	1.810	46.0	<b>10</b>	1.940	49.3	<b>Omit</b>	.690	17.5
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\* For Top Entry Style T, shortest height code of E = .69" is limited to shell & entry size combinations A01, B02, C03, D04, E05, F06, G06, H08, J08, K11, L10 & M12 to ensure adequate wire clearance. Contact factory for other combinations. For Side Entry Style S, shortest height code E is acceptable for all shell & entry size combinations except consideration for 12AWG wire bend radius.

Dimensions in Inches (millimeters) are subject to change without notice.

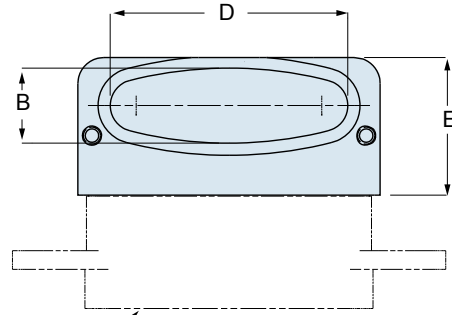
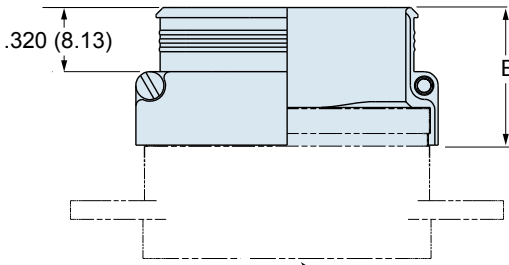
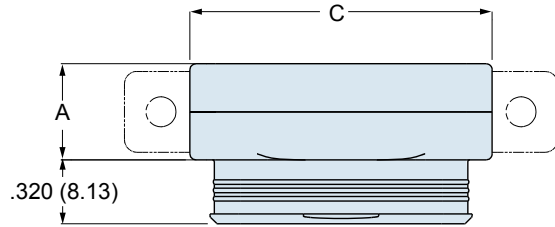
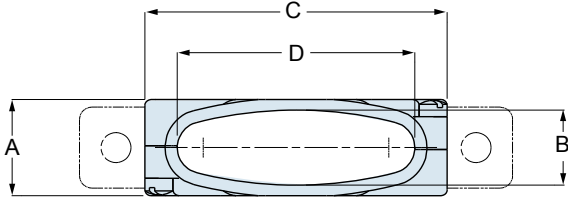


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**How To Order**

## 799-015 Low Profile EMI Backshell

STYLE T - TOP ENTRY

STYLE S - SIDE ENTRY



CONNECTOR SHOWN FOR  
REFERENCE - NOT SUPPLIED

### 799-015 DIMENSIONS

Shell Size	A Max.		B		C Max.		Available Entries
	In.	mm.	In.	mm.	In.	mm.	
<b>A</b>	.385	9.78	.270	6.86	.485	12.32	01
<b>B</b>	.385	9.78	.270	6.86	.635	16.13	01 thru 02
<b>C</b>	.385	9.78	.270	6.86	.785	19.94	01 thru 03
<b>D</b>	.385	9.78	.270	6.86	.885	22.48	01 thru 04
<b>E</b>	.385	9.78	.270	6.86	1.035	26.29	01 thru 05
<b>F</b>	.385	9.78	.270	6.86	1.185	30.10	01 thru 06
<b>G</b>	.465	11.81	.350	8.89	1.145	29.08	01 thru 06
<b>H</b>	.495	12.57	.380	9.65	1.525	38.74	01 thru 08
<b>J</b>	.385	9.78	.270	6.86	1.545	39.24	01 thru 08
<b>K</b>	.385	9.78	.270	6.86	1.945	49.40	01 thru 11
<b>L</b>	.495	12.57	.380	9.65	1.765	44.83	01 thru 10
<b>M</b>	.555		.440		1.830		01 thru 10, 12

### ENTRY SIZE

Entry Size	D		Available Sizes
	In.	mm.	
<b>01</b>	.140	3.56	A Thru L
<b>02</b>	.290	7.37	B thru L
<b>03</b>	.440	11.18	C thru L
<b>04</b>	.540	13.72	D thru L
<b>05</b>	.690	17.53	E thru L
<b>06</b>	.810	20.57	F, H, J, K, L
<b>07</b>	1.000	25.40	H thru L
<b>08</b>	1.190	30.23	H Thru L
<b>09</b>	1.305	33.15	K, L
<b>10</b>	1.420	36.07	K, L
<b>11</b>	1.600	40.64	K
<b>12</b>	1.500	38.10	K and M

### HEIGHT CODE

CODE	E	
	In.	mm.
<b>01</b>	.810	20.6
<b>02</b>	.940	23.9
<b>03</b>	1.060	26.9
<b>04</b>	1.190	30.2
<b>05</b>	1.310	33.3
<b>06</b>	1.440	36.6
<b>07</b>	1.560	39.6
<b>08</b>	1.690	42.9
<b>09</b>	1.810	46.0
<b>10</b>	1.940	49.3

Component	Material	Finish
Backshell	Aluminum Alloy	See table below
Hardware	Stainless Steel	Passivated

Dimensions in Inches (millimeters) are subject to change without notice.

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