

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



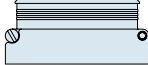

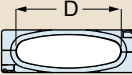

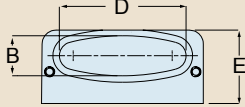
799-015 Low Profile EMI Backshell
FOR 790-024 AND 790-025 CABLE CONNECTORS



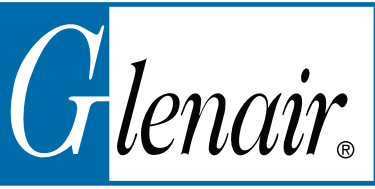
Attach cable braid to connector with 799-015 adapters. These adapters fit securely into a groove on 790-024 and 790-025 cable connectors. Terminate shields with **BAND-IT**® 300 Series SST/Passivate I.A.W. AMS 2700. Elliptical cable entry provides room for large wire bundles. Machined T6061 aluminum 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

| 799-015T | M | B | 02 | N | 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|--|------------------|-----------------------|-----|------------|------------|-----|----|------|------|-----|----|------|------|-----|----|------|-------|-----|----|------|-------|-----|----|------|-------|-----|----|------|-------|-----|----|-------|-------|-----|----|-------|-------|-----|----|-------|-------|-----|----|-------|-------|-----|----|-------|-------|---|----|-------|-------|---------|--|--|-------------|---|--|-----|-----|----|------|------|----|------|------|----|-------|------|----|-------|------|----|-------|------|----|-------|------|----|-------|------|----|-------|------|----|-------|------|----|-------|------|------|------|------|
| Part Number | Shell Finish | Shell Size | Cable Entry Size | Band Option | Optional Height Code* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  799-015T Top Entry  799-015S Side Entry | <p>M Electroless Nickel <i>general purpose applications</i></p> <p>MT Nickel-PTFE <i>1000 Hour Grey™ maximum corrosion protection and durability (non-reflective grey)</i></p> <p>ZNU 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>A</p> <p>B</p> <p>C</p> <p>D</p> <p>E</p> <p>F</p> <p>G</p> <p>H</p> <p>J</p> <p>K</p> <p>L</p> <p>M</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>01</td><td>.140</td><td>3.56</td><td>A-M</td></tr> <tr><td>02</td><td>.290</td><td>7.37</td><td>B-M</td></tr> <tr><td>03</td><td>.440</td><td>11.18</td><td>C-M</td></tr> <tr><td>04</td><td>.540</td><td>13.72</td><td>D-M</td></tr> <tr><td>05</td><td>.690</td><td>17.53</td><td>E-M</td></tr> <tr><td>06</td><td>.810</td><td>20.57</td><td>F-M</td></tr> <tr><td>07</td><td>1.000</td><td>25.40</td><td>H-M</td></tr> <tr><td>08</td><td>1.190</td><td>30.23</td><td>H-M</td></tr> <tr><td>09</td><td>1.305</td><td>33.15</td><td>K-M</td></tr> <tr><td>10</td><td>1.420</td><td>36.07</td><td>K-M</td></tr> <tr><td>11</td><td>1.600</td><td>40.64</td><td>K</td></tr> <tr><td>12</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. | 01 | .140 | 3.56 | A-M | 02 | .290 | 7.37 | B-M | 03 | .440 | 11.18 | C-M | 04 | .540 | 13.72 | D-M | 05 | .690 | 17.53 | E-M | 06 | .810 | 20.57 | F-M | 07 | 1.000 | 25.40 | H-M | 08 | 1.190 | 30.23 | H-M | 09 | 1.305 | 33.15 | K-M | 10 | 1.420 | 36.07 | K-M | 11 | 1.600 | 40.64 | K | 12 | 1.500 | 38.10 | K and M | <p>N No Band Supplied</p> <p>M BAND-IT™ 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>01</td><td>.810</td><td>20.6</td></tr> <tr><td>02</td><td>.940</td><td>23.9</td></tr> <tr><td>03</td><td>1.060</td><td>26.9</td></tr> <tr><td>04</td><td>1.190</td><td>30.2</td></tr> <tr><td>05</td><td>1.310</td><td>33.3</td></tr> <tr><td>06</td><td>1.440</td><td>36.6</td></tr> <tr><td>07</td><td>1.560</td><td>39.6</td></tr> <tr><td>08</td><td>1.690</td><td>42.9</td></tr> <tr><td>09</td><td>1.810</td><td>46.0</td></tr> <tr><td>10</td><td>1.940</td><td>49.3</td></tr> <tr><td>Omit</td><td>.690</td><td>17.5</td></tr> </tbody> </table> <p>* 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.</p> | Height Code | E | | In. | mm. | 01 | .810 | 20.6 | 02 | .940 | 23.9 | 03 | 1.060 | 26.9 | 04 | 1.190 | 30.2 | 05 | 1.310 | 33.3 | 06 | 1.440 | 36.6 | 07 | 1.560 | 39.6 | 08 | 1.690 | 42.9 | 09 | 1.810 | 46.0 | 10 | 1.940 | 49.3 | Omit | .690 | 17.5 |
| | | | Cable Entry Code | | D | | | Shell Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | In. | mm. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 01 | .140 | 3.56 | A-M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 02 | .290 | 7.37 | B-M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 03 | .440 | 11.18 | C-M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 04 | .540 | 13.72 | D-M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 05 | .690 | 17.53 | E-M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 06 | .810 | 20.57 | F-M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 07 | 1.000 | 25.40 | H-M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 08 | 1.190 | 30.23 | H-M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 09 | 1.305 | 33.15 | K-M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 1.420 | 36.07 | K-M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | 1.600 | 40.64 | K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 1.500 | 38.10 | K and M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Height Code | E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | In. | mm. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01 | .810 | 20.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 02 | .940 | 23.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 03 | 1.060 | 26.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 04 | 1.190 | 30.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 05 | 1.310 | 33.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 06 | 1.440 | 36.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07 | 1.560 | 39.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08 | 1.690 | 42.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 09 | 1.810 | 46.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 1.940 | 49.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Omit | .690 | 17.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

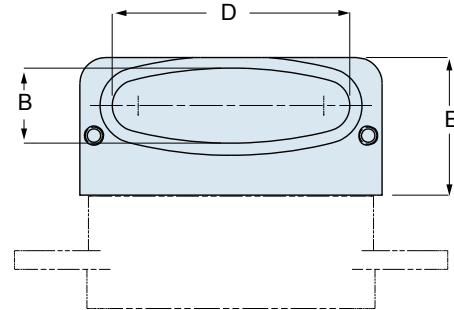
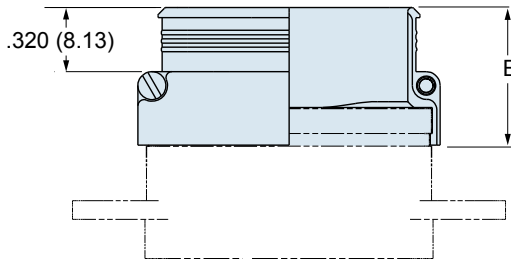
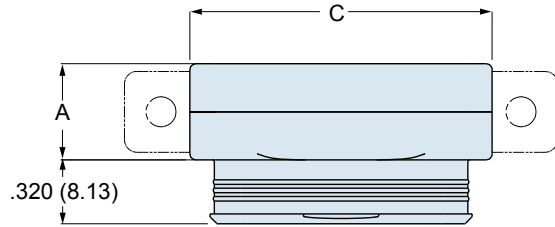
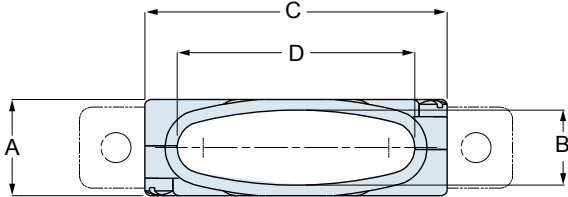


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How To Order

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

ENTRY SIZE

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

HEIGHT CODE

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

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

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