

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

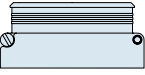
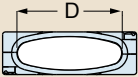
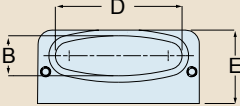
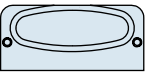


## 799-015 Low Profile EMI Backshell

### 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*                                                                                                                                                                                                                                               |
| <br><b>799-015T</b><br>Top Entry                                                                                                                                                                                                                                                                                  | <b>M</b><br>Electroless Nickel<br><i>general purpose applications</i>                                                   | <b>A</b><br><b>B</b><br><b>C</b>                                                                         | <br>D<br>Cable Entry Code    In.    mm.    Shell Size                                                                                                                                                                                                            | <b>N</b><br>No Band Supplied<br><br><b>M</b><br><b>BAND-IT™</b> Micro-Band Included. .125 (3.18) Wide. | <br>E<br>Height Code    In.    mm.                                                                                                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                      | <b>MT</b><br>Nickel-PTFE<br>1000 Hour Grey™<br><i>maximum corrosion protection and durability (non-reflective grey)</i> | <b>D</b><br><b>E</b><br><b>F</b><br><b>G</b><br><b>H</b><br><b>J</b><br><b>K</b><br><b>L</b><br><b>M</b> |                                                                                                                                                                                                                                                                                                                                                    |                                                                                                        |                                                                                                                                                                                                                                                                     |
| <br><b>799-015S</b><br>Side Entry                                                                                                                                                                                                                                                                                 | <b>ZNU</b><br>Zinc-Nickel with Black Chromate<br><i>tactical applications (non-reflective black)</i>                    |                                                                                                          | <b>01</b> .140 3.56 A-M<br><b>02</b> .290 7.37 B-M<br><b>03</b> .440 11.18 C-M<br><b>04</b> .540 13.72 D-M<br><b>05</b> .690 17.53 E-M<br><b>06</b> .810 20.57 F-M<br><b>07</b> 1.000 25.40 H-M<br><b>08</b> 1.190 30.23 H-M<br><b>09</b> 1.305 33.15 K-M<br><b>10</b> 1.420 36.07 K-M<br><b>11</b> 1.600 40.64 K<br><b>12</b> 1.500 38.10 K and M |                   | <b>01</b> .810 20.6<br><b>02</b> .940 23.9<br><b>03</b> 1.060 26.9<br><b>04</b> 1.190 30.2<br><b>05</b> 1.310 33.3<br><b>06</b> 1.440 36.6<br><b>07</b> 1.560 39.6<br><b>08</b> 1.690 42.9<br><b>09</b> 1.810 46.0<br><b>10</b> 1.940 49.3<br><b>Omit</b> .690 17.5 |
| * 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.

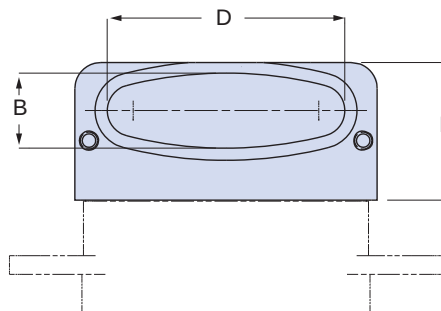
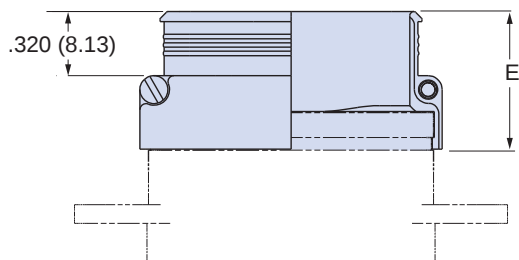
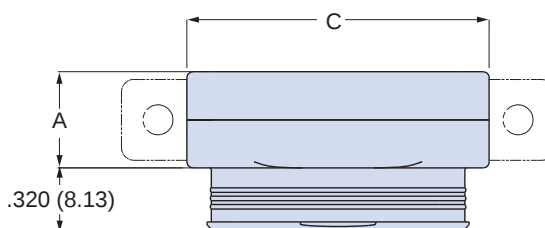
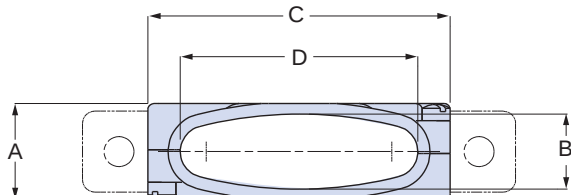


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## 799-015 Low Profile EMI Backshell

STYLE T - TOP ENTRY

STYLE S - SIDE ENTRY



CONNECTOR SHOWN FOR  
REFERENCE - NOT SUPPLIED

### 799-015 DIMENSIONS

| Shell Size | A Max.<br>In. mm. | B<br>In. mm. | C Max.<br>In. mm. | Available Entries |
|------------|-------------------|--------------|-------------------|-------------------|
| 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<br>In. mm. | Available Sizes |
|------------|--------------|-----------------|
| 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<br>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   |
| 11   | 1.600 40.6   |
| 12   | 1.500 38.1   |

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

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