

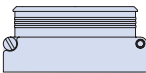
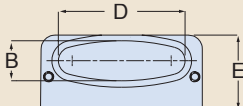
**799-015**  
**Low Profile EMI Backshell**  
**for 790-024 and 790-025 Cable Connectors**  
**How To Order**



**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**® stainless steel straps. 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><b>D</b><br><table><tr><th>Cable Entry Code</th><th>In.</th><th>mm.</th><th>Shell Size</th></tr><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></table> | Cable Entry Code | In.                   | mm. | Shell Size | <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 | <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> | <br><b>E</b><br><table><tr><th>Height Code</th><th>In.</th><th>mm.</th></tr><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></table> | Height Code | 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 |
| Cable Entry Code                                                                                                     | In.                                                                                                                     | mm.                                                                                                      | Shell Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                  |                       |     |            |           |      |      |     |           |      |      |     |           |      |       |     |           |      |       |     |           |      |       |     |           |      |       |     |           |       |       |     |           |       |       |     |           |       |       |     |           |       |       |     |           |       |       |   |           |       |       |         |                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |     |     |           |      |      |           |      |      |           |       |      |           |       |      |           |       |      |           |       |      |           |       |      |           |       |      |           |       |      |           |       |      |             |      |      |
| <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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |                       |     |            |           |      |      |     |           |      |      |     |           |      |       |     |           |      |       |     |           |      |       |     |           |      |       |     |           |       |       |     |           |       |       |     |           |       |       |     |           |       |       |     |           |       |       |   |           |       |       |         |                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |     |     |           |      |      |           |      |      |           |       |      |           |       |      |           |       |      |           |       |      |           |       |      |           |       |      |           |       |      |           |       |      |             |      |      |
| Height Code                                                                                                          | 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                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                  |                       |     |            |           |      |      |     |           |      |      |     |           |      |       |     |           |      |       |     |           |      |       |     |           |      |       |     |           |       |       |     |           |       |       |     |           |       |       |     |           |       |       |     |           |       |       |   |           |       |       |         |                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |     |     |           |      |      |           |      |      |           |       |      |           |       |      |           |       |      |           |       |      |           |       |      |           |       |      |           |       |      |           |       |      |             |      |      |
| <br><b>799-015S</b><br>Side Entry | <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> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                  |                       |     |            |           |      |      |     |           |      |      |     |           |      |       |     |           |      |       |     |           |      |       |     |           |      |       |     |           |       |       |     |           |       |       |     |           |       |       |     |           |       |       |     |           |       |       |   |           |       |       |         |                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |     |     |           |      |      |           |      |      |           |       |      |           |       |      |           |       |      |           |       |      |           |       |      |           |       |      |           |       |      |           |       |      |             |      |      |
|                                                                                                                      | <b>ZNU</b><br>Zinc-Nickel with Black Chromate<br><i>tactical applications (non-reflective black)</i>                    |                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                  |                       |     |            |           |      |      |     |           |      |      |     |           |      |       |     |           |      |       |     |           |      |       |     |           |      |       |     |           |       |       |     |           |       |       |     |           |       |       |     |           |       |       |     |           |       |       |   |           |       |       |         |                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |     |     |           |      |      |           |      |      |           |       |      |           |       |      |           |       |      |           |       |      |           |       |      |           |       |      |           |       |      |           |       |      |             |      |      |
|                                                                                                                      | Additional shell finishes are listed on page C-9.                                                                       |                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                  |                       |     |            |           |      |      |     |           |      |      |     |           |      |       |     |           |      |       |     |           |      |       |     |           |      |       |     |           |       |       |     |           |       |       |     |           |       |       |     |           |       |       |     |           |       |       |   |           |       |       |         |                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |     |     |           |      |      |           |      |      |           |       |      |           |       |      |           |       |      |           |       |      |           |       |      |           |       |      |           |       |      |           |       |      |             |      |      |

\* 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.

\* 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.

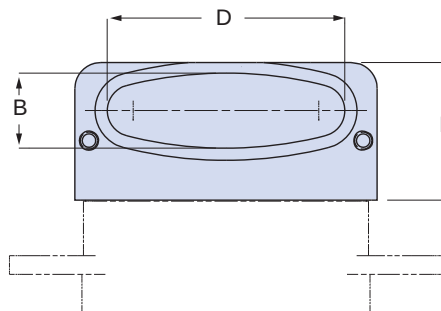
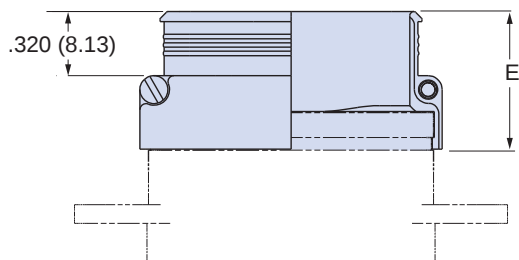
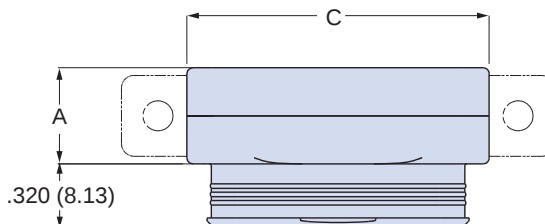
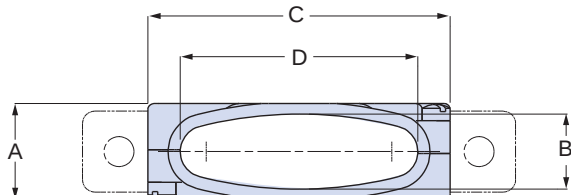


**799-015**  
**Low Profile EMI Backshell**  
**for 790-024 and 790-025 Cable Connectors**  
**How To Order**

## 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.<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.