



# EMI/RFI Micro-D Banding Backshell and Round Cable Entry 500-010

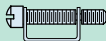
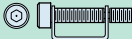
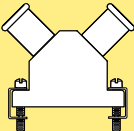


**Glenair's Most Popular Micro-D Backshell** is stocked in all sizes. Choose straight, side or 45° cable entry.

**Rugged One-Piece Aluminum shell** with stainless steel hardware, available in standard nickel plating, or choose optional finishes.

**17-7PH Stainless Steel Clips** attach the backshell to the connector. These backshells accept standard and micro **BAND-IT®** shield termination straps.

## HOW TO ORDER 500-010 EMI BACKSHELLS

| Series                                                                                                                     | Shell Finish                                                                                                                                                  | Connector Size                                                                                                                                 | Hardware Option                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Cable Entry Code                                                                                                                                                                                                                       | EMI Band Strap Option                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Top Entry</b><br><b>500T010</b><br>   | <b>E</b> – Chem Film (Alodyne)<br><b>J</b> – Cadmium, Yellow Chromate<br><b>M</b> – Electroless Nickel<br><b>NF</b> – Cadmium, Olive Drab<br><b>Z2</b> – Gold | <b>09</b><br><b>15</b><br><b>21</b><br><b>25</b><br><b>31</b><br><b>37</b><br><b>51</b><br><b>51-2</b><br><b>67</b><br><b>69</b><br><b>100</b> | <b>B</b> – Fillister Head Jackscrew<br><br><b>H</b> – Hex Head Jackscrew<br><br><b>E</b> – Extended Jackscrew<br><br>(Not for 45° Entry)<br><b>F</b> – Jackpost, Female<br> | <b>04</b> – .125 (3.2)<br><b>05</b> – .156 (4.0)<br><b>06</b> – .188 (4.8)<br><b>07</b> – .219 (5.6)<br><b>08</b> – .250 (6.4)<br><b>09</b> – .281 (7.1)<br><b>10</b> – .312 (7.9)<br><b>11</b> – .344 (8.7)<br><b>12</b> – .375 (9.5) | <b>Omit</b> (Leave Blank)<br>Band Not Included<br><br>Use the following codes if you want the band strap included with the connector. For best availability, order band separately.<br><br><b>Standard Band</b><br>.250" Wide<br><b>B</b> – Uncoiled Band Included<br><b>K</b> – Coiled Band Included<br><br><b>Micro Band</b><br>.125" Wide<br><b>M</b> – Uncoiled Band Included<br><b>L</b> – Coiled Band Included |
| <b>Side Entry</b><br><b>500S010</b><br> |                                                                                                                                                               |                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>45° Entry</b><br><b>500E010</b><br>  |                                                                                                                                                               |                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Dual 45°</b><br><b>500D010</b><br>   |                                                                                                                                                               |                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Maximum Cable Entry Code</b>                                                                                            |                                                                                                                                                               |                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Size</b>                                                                                                                | <b>T<br/>Top<br/>Entry</b>                                                                                                                                    | <b>E<br/>45°<br/>Entry</b>                                                                                                                     | <b>S<br/>Side<br/>Entry</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>D<br/>Dual<br/>45°</b>                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>09</b>                                                                                                                  | 08                                                                                                                                                            | 08                                                                                                                                             | 09                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 06                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>15</b>                                                                                                                  | 08                                                                                                                                                            | 08                                                                                                                                             | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 08                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>21</b>                                                                                                                  | 08                                                                                                                                                            | 08                                                                                                                                             | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 08                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>25</b>                                                                                                                  | 08                                                                                                                                                            | 08                                                                                                                                             | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 08                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>31</b>                                                                                                                  | 09                                                                                                                                                            | 09                                                                                                                                             | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 09                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>37</b>                                                                                                                  | 09                                                                                                                                                            | 09                                                                                                                                             | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 09                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>51</b>                                                                                                                  | 10                                                                                                                                                            | 10                                                                                                                                             | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>51-2</b>                                                                                                                | 09                                                                                                                                                            | 09                                                                                                                                             | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 09                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>67</b>                                                                                                                  | 09                                                                                                                                                            | 09                                                                                                                                             | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 09                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>69</b>                                                                                                                  | 10                                                                                                                                                            | 10                                                                                                                                             | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>100</b>                                                                                                                 | 12                                                                                                                                                            | 12                                                                                                                                             | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 12                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Sample Part Number</b>                                                                                                  |                                                                                                                                                               |                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>500T010</b>                                                                                                             | <b>M</b>                                                                                                                                                      | <b>25</b>                                                                                                                                      | <b>H</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>08</b>                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                      |

# EMI/RFI Micro-D Banding Backshell and Round Cable Entry 500-010



Micro-D  
Backshells

## MATERIALS (SEE ORDERING INFO FOR FINISH OPTIONS)

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



## DIMENSIONS

| Size | A Max. |       | B Max. |       | C     |       | D Max. |       | E Max. |       | H Max. |       | J Max. |       | K    |       | L Max. |       | M Max. |       | N Max. |       |
|------|--------|-------|--------|-------|-------|-------|--------|-------|--------|-------|--------|-------|--------|-------|------|-------|--------|-------|--------|-------|--------|-------|
|      | In.    | mm.   | In.    | mm.   | In.   | mm.   | In.    | mm.   | In.    | mm.   | In.    | mm.   | In.    | mm.   | In.  | mm.   | In.    | mm.   | In.    | mm.   | In.    | mm.   |
| 09   | .850   | 21.59 | .370   | 9.40  | .565  | 14.35 | .780   | 19.81 | .410   | 10.41 | .350   | 8.89  | .637   | 16.18 | .435 | 11.05 | 1.040  | 26.42 | 1.000  | 25.40 | .680   | 17.27 |
| 15   | 1.000  | 25.40 | .370   | 9.40  | .715  | 18.16 | .910   | 23.11 | .580   | 14.73 | .470   | 11.94 | .673   | 17.09 | .440 | 11.2  | 1.170  | 29.72 | 1.030  | 26.16 | .730   | 18.54 |
| 21   | 1.150  | 29.21 | .370   | 9.40  | .865  | 21.97 | 1.030  | 26.16 | .740   | 18.80 | .590   | 14.99 | .707   | 17.95 | .458 | 11.63 | 1.290  | 32.77 | 1.050  | 26.67 | .765   | 19.43 |
| 25   | 1.250  | 31.75 | .370   | 9.40  | .965  | 24.51 | 1.090  | 27.69 | .850   | 21.59 | .650   | 16.51 | .748   | 19.00 | .483 | 12.27 | 1.350  | 34.29 | 1.090  | 27.69 | .830   | 21.08 |
| 31   | 1.400  | 35.56 | .370   | 9.40  | 1.115 | 28.32 | 1.150  | 29.21 | .980   | 24.89 | .710   | 18.03 | .756   | 19.20 | .476 | 12.09 | 1.420  | 36.07 | 1.130  | 28.70 | .890   | 22.61 |
| 37   | 1.550  | 39.37 | .370   | 9.40  | 1.265 | 32.13 | 1.190  | 30.23 | 1.130  | 28.70 | .750   | 19.05 | .774   | 19.66 | .478 | 12.14 | 1.450  | 36.83 | 1.230  | 31.24 | .955   | 24.26 |
| 51   | 1.500  | 38.10 | .410   | 10.41 | 1.215 | 30.86 | 1.220  | 30.99 | 1.080  | 27.43 | .780   | 19.81 | .859   | 21.82 | .548 | 13.91 | 1.480  | 37.59 | 1.250  | 31.75 | 1.005  | 25.53 |
| 51-2 | 1.910  | 48.51 | .370   | 9.40  | 1.615 | 41.02 | 1.220  | 30.99 | 1.510  | 38.35 | .780   | 19.81 | .859   | 21.82 | .548 | 13.91 | 1.480  | 37.59 | 1.250  | 31.75 | 1.005  | 25.53 |
| 67   | 2.310  | 58.67 | .370   | 9.40  | 2.015 | 51.18 | 1.220  | 30.99 | 1.880  | 47.75 | .780   | 19.81 | .859   | 21.82 | .548 | 13.91 | 1.480  | 37.59 | 1.250  | 31.75 | 1.005  | 25.53 |
| 69   | 1.810  | 45.97 | .410   | 10.41 | 1.515 | 38.48 | 1.220  | 30.99 | 1.380  | 35.05 | .780   | 19.81 | .859   | 21.82 | .548 | 13.91 | 1.480  | 37.59 | 1.250  | 31.75 | 1.005  | 25.53 |
| 100  | 2.235  | 56.77 | .460   | 11.68 | 1.800 | 45.72 | 1.280  | 32.51 | 1.470  | 37.34 | .840   | 21.34 | 1.014  | 25.76 | .687 | 17.45 | 1.580  | 40.13 | 1.320  | 33.53 | 1.080  | 27.43 |

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