



# 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><br><b>Side Entry</b><br><b>500S010</b><br><br><b>45° Entry</b><br><b>500E010</b><br><br><b>Dual 45°</b><br><b>500D010</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>(Not for 45° Entry)<br><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 |  |                          |       |  |  |  |             |             |              |            |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |
|   | <table border="1"> <thead> <tr> <th rowspan="2">Maximum Cable Entry Code</th> <th colspan="4">Entry</th> </tr> <tr> <th>T Top Entry</th> <th>E 45° Entry</th> <th>S Side Entry</th> <th>D Dual 45°</th> </tr> </thead> <tbody> <tr><td>09</td><td>08</td><td>08</td><td>09</td><td>06</td></tr> <tr><td>15</td><td>08</td><td>08</td><td>12</td><td>08</td></tr> <tr><td>21</td><td>08</td><td>08</td><td>12</td><td>08</td></tr> <tr><td>25</td><td>08</td><td>08</td><td>12</td><td>08</td></tr> <tr><td>31</td><td>09</td><td>09</td><td>12</td><td>09</td></tr> <tr><td>37</td><td>09</td><td>09</td><td>12</td><td>09</td></tr> <tr><td>51</td><td>10</td><td>10</td><td>12</td><td>10</td></tr> <tr><td>51-2</td><td>09</td><td>09</td><td>12</td><td>09</td></tr> <tr><td>67</td><td>09</td><td>09</td><td>12</td><td>09</td></tr> <tr><td>69</td><td>10</td><td>10</td><td>12</td><td>10</td></tr> <tr><td>100</td><td>12</td><td>12</td><td>12</td><td>12</td></tr> </tbody> </table> |  |   |  |  |  | Maximum Cable Entry Code | Entry |  |  |  | T Top Entry | E 45° Entry | S Side Entry | D Dual 45° | 09 | 08 | 08 | 09 | 06 | 15 | 08 | 08 | 12 | 08 | 21 | 08 | 08 | 12 | 08 | 25 | 08 | 08 | 12 | 08 | 31 | 09 | 09 | 12 | 09 | 37 | 09 | 09 | 12 | 09 | 51 | 10 | 10 | 12 | 10 | 51-2 | 09 | 09 | 12 | 09 | 67 | 09 | 09 | 12 | 09 | 69 | 10 | 10 | 12 | 10 | 100 | 12 | 12 | 12 | 12 |
|   | Maximum Cable Entry Code   | Entry  |   |  |  |  |                          |       |  |  |  |             |             |              |            |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |
|   |  | T Top Entry  | E 45° Entry   | S Side Entry   | D Dual 45°   |  |                          |       |  |  |  |             |             |              |            |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |
|   | 09   | 08   | 08  | 09   | 06   |  |                          |       |  |  |  |             |             |              |            |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |
|   | 15   | 08   | 08  | 12   | 08   |  |                          |       |  |  |  |             |             |              |            |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |
|   | 21   | 08   | 08  | 12   | 08   |  |                          |       |  |  |  |             |             |              |            |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |
|   | 25   | 08   | 08  | 12   | 08   |  |                          |       |  |  |  |             |             |              |            |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |
|   | 31   | 09   | 09  | 12   | 09   |  |                          |       |  |  |  |             |             |              |            |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |
|   | 37   | 09   | 09  | 12   | 09   |  |                          |       |  |  |  |             |             |              |            |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |
| 51  | 10   | 10   | 12  | 10   |  |  |                          |       |  |  |  |             |             |              |            |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |
| 51-2  | 09   | 09   | 12  | 09   |  |  |                          |       |  |  |  |             |             |              |            |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |
| 67  | 09   | 09   | 12  | 09   |  |  |                          |       |  |  |  |             |             |              |            |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |
| 69  | 10   | 10   | 12  | 10   |  |  |                          |       |  |  |  |             |             |              |            |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |
| 100   | 12   | 12   | 12  | 12   |  |  |                          |       |  |  |  |             |             |              |            |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |
| <b>Sample Part Number</b>   |  |  |   |  |  |  |                          |       |  |  |  |             |             |              |            |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |
| <b>500T010</b>  | <b>M</b>   | <b>25</b>  | <b>H</b>  | <b>08</b>  |  |  |                          |       |  |  |  |             |             |              |            |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |

M

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

500-010



## 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   |
| Jackscrows, Washers, Jackposts | 300 Series Stainless Steel, Passivated   |



| Cable Entry Code | F         |           | G    |       |
|------------------|-----------|-----------|------|-------|
|                  | In. ±.010 | mm. ±0.25 | In.  | mm.   |
| 04               | .125      | 3.18      | .281 | 7.14  |
| 05               | .156      | 3.96      | .312 | 7.92  |
| 06               | .188      | 4.78      | .344 | 8.74  |
| 07               | .219      | 5.56      | .375 | 9.53  |
| 08               | .250      | 6.35      | .406 | 10.31 |
| 09               | .281      | 7.14      | .437 | 11.10 |
| 10               | .312      | 7.92      | .469 | 11.91 |
| 11               | .344      | 8.74      | .500 | 12.70 |
| 12               | .375      | 9.53      | .531 | 13.49 |

## 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 |

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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## JONHON

«JONHON» (основан в 1970 г.)

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ВЧ соединители, коаксиальные кабели,  
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