

# 507-145 EMI/RFI Split Shell Banding Backshell with Screwlocks Round Cable Entry



**Split EMI Backshells** allow installation on wired connector assemblies.

**Captive Screwlocks** for fast connection. Plug in the connector, then fasten the hardware.

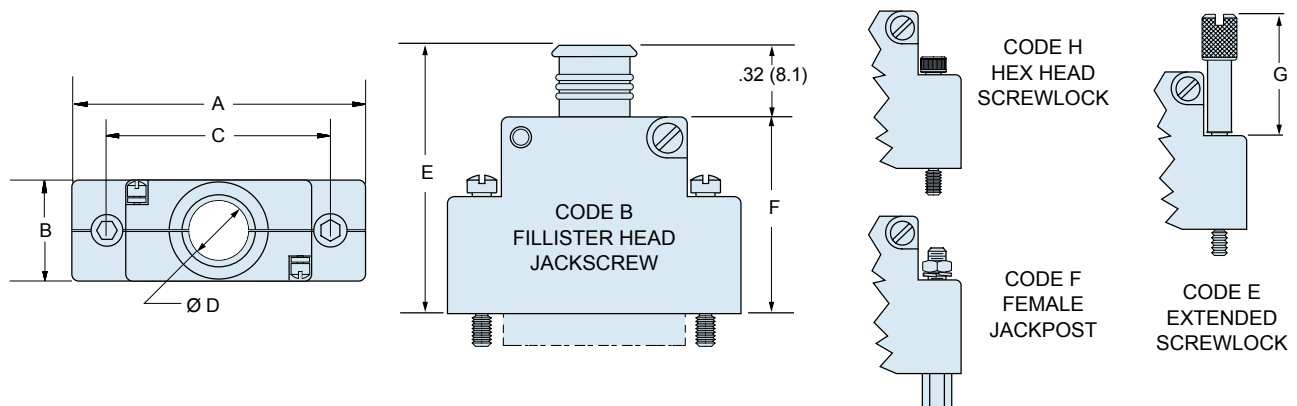
## Materials

- Shell: Aluminum Alloy 6061 -T6
- Clips: 17-7PH Stainless Steel
- Hardware: 300 Series Stainless Steel

## How To Order EMI/RFI Split Banding Backshell

| Sample Part Number    | 507-145                                                                                                                                              | M | 25 | H | B |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|---|----|---|---|
| Series                | 507-145                                                                                                                                              |   |    |   |   |
| Shell Finish          | <b>E</b> – Chem Film (Alodyne) <b>J</b> – Cadmium, Yellow Chromate<br><b>M</b> – Electroless Nickel <b>NF</b> – Cadmium, Olive Drab <b>Z2</b> – Gold |   |    |   |   |
| Connector Size        | <b>09, 15, 21, 25, 31, 37 51, 51-2, 67, 69, 100</b> (See Table I)                                                                                    |   |    |   |   |
| Hardware Option       | <b>OMIT</b> – For Fillister Head Screwlock <b>H</b> – Hex Head Screwlock<br><b>E</b> – Extended Screwlock <b>F</b> – Jackpost, Female                |   |    |   |   |
| EMI Band Strap Option | <b>Omit (Leave Blank)</b> – Band Not Included<br><b>B</b> – Micro Band Supplied <b>K</b> – Coiled Micro Band Supplied                                |   |    |   |   |

Table I: Dimensions



| Size        | A Max. |       | B Max. |       | C     |       | D             |               | E Max. |       | F Max. |       | G Max. |       |
|-------------|--------|-------|--------|-------|-------|-------|---------------|---------------|--------|-------|--------|-------|--------|-------|
|             | In.    | mm.   | In.    | mm.   | In.   | mm.   | In.<br>± .010 | mm.<br>± 0.25 | In.    | mm.   | In.    | mm.   | In.    | mm.   |
| <b>09</b>   | .915   | 23.24 | .450   | 11.43 | .565  | 14.35 | .160          | 4.06          | 1.033  | 26.24 | .721   | 18.31 | .554   | 14.07 |
| <b>15</b>   | 1.065  | 27.05 | .450   | 11.43 | .715  | 18.16 | .190          | 4.83          | 1.096  | 27.84 | .783   | 19.89 | .617   | 15.67 |
| <b>21</b>   | 1.215  | 30.86 | .450   | 11.43 | .865  | 21.97 | .220          | 5.59          | 1.127  | 28.63 | .815   | 20.70 | .649   | 16.48 |
| <b>25</b>   | 1.315  | 33.40 | .450   | 11.43 | .965  | 24.51 | .260          | 6.60          | 1.190  | 30.23 | .877   | 22.28 | .711   | 18.06 |
| <b>31</b>   | 1.465  | 37.21 | .450   | 11.43 | 1.115 | 28.32 | .275          | 6.99          | 1.221  | 31.01 | .908   | 23.06 | .722   | 18.34 |
| <b>37</b>   | 1.615  | 41.02 | .450   | 11.43 | 1.265 | 32.13 | .285          | 7.24          | 1.283  | 32.59 | .971   | 24.66 | .785   | 19.94 |
| <b>51</b>   | 1.565  | 39.75 | .495   | 12.57 | 1.215 | 30.86 | .350          | 8.89          | 1.346  | 34.19 | 1.033  | 26.24 | .867   | 22.02 |
| <b>51-2</b> | 1.965  | 48.91 | .450   | 11.43 | 1.615 | 41.02 | .285          | 7.24          | 1.346  | 34.19 | 1.033  | 26.24 | .867   | 22.02 |
| <b>67</b>   | 2.365  | 60.07 | .450   | 11.43 | 2.015 | 51.18 | .350          | 8.89          | 1.346  | 34.19 | 1.033  | 26.24 | .867   | 22.02 |
| <b>69</b>   | 1.865  | 47.37 | .495   | 12.57 | 1.515 | 38.48 | .350          | 8.89          | 1.346  | 34.19 | 1.033  | 26.24 | .867   | 22.02 |
| <b>100</b>  | 2.305  | 58.55 | .540   | 13.72 | 1.800 | 45.72 | .490          | 12.45         | 1.408  | 35.76 | 1.096  | 27.83 | .930   | 23.62 |