**319-181**

"Wide Mouth" Composite Low-Profile Swing-Arm Strain Relief with Shield Sock and Self-Locking Rotatable Coupling

**Product Series**
- **319** - EMI/RFI Shield Sock Assemblies

**Finish Symbol**
- (See Table III)

**Custom Braid Length**
- Specify in inches (Omit for std. 12" Length)

**Connector Designator**
- **A, F, and H**

**Basic Part Number**

**Connector Shell Size**
- (See Table II)

**Split Ring / Band Option**
- Split Ring (687-749) and Band (600-052-1) supplied with R option (Omit for none)

**Connector Designator**
- **B - See Table IV for Options**
  - (Omit for std. Nickel/Copper)

**Optional Braid Material**
- **B** - See Table IV for Options
  - (Omit for std. Nickel/Copper)

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**Optional Braid Material**
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  - (Omit for std. Nickel/Copper)
TABLE II: SHELL SIZE (Continued Below)

<table>
<thead>
<tr>
<th>Shell Size</th>
<th>D Max</th>
<th>E Max</th>
<th>F ± .03 (0.76)</th>
<th>G Max</th>
<th>H Max</th>
<th>J ± .03 (0.76)</th>
<th>K Min</th>
<th>L Ref</th>
</tr>
</thead>
<tbody>
<tr>
<td>08 09</td>
<td>1.510 (38.35)</td>
<td>.980 (24.89)</td>
<td>.800 (20.32)</td>
<td>1.460 (37.08)</td>
<td>.780 (19.81)</td>
<td>.936 (23.77)</td>
<td>.350 (8.89)</td>
<td>.310 (7.87)</td>
</tr>
<tr>
<td>10 11</td>
<td>1.580 (40.13)</td>
<td>1.050 (26.67)</td>
<td>.900 (22.86)</td>
<td>1.570 (39.88)</td>
<td>.870 (22.10)</td>
<td>1.172 (29.77)</td>
<td>.455 (11.56)</td>
<td>.375 (9.53)</td>
</tr>
<tr>
<td>12 13</td>
<td>1.640 (41.66)</td>
<td>1.290 (32.77)</td>
<td>.970 (24.64)</td>
<td>1.760 (44.70)</td>
<td>1.020 (25.91)</td>
<td>1.406 (35.71)</td>
<td>.640 (16.26)</td>
<td>.591 (15.01)</td>
</tr>
<tr>
<td>14 15</td>
<td>1.650 (41.91)</td>
<td>1.370 (34.80)</td>
<td>1.030 (25.75)</td>
<td>1.820 (46.23)</td>
<td>1.060 (26.92)</td>
<td>1.500 (38.10)</td>
<td>.710 (18.03)</td>
<td>.661 (16.79)</td>
</tr>
<tr>
<td>16 17</td>
<td>1.740 (44.20)</td>
<td>1.440 (36.58)</td>
<td>1.100 (27.50)</td>
<td>1.920 (48.77)</td>
<td>.839 (21.31)</td>
<td>1.562 (39.67)</td>
<td>.839 (21.31)</td>
<td>.713 (18.11)</td>
</tr>
<tr>
<td>18 19</td>
<td>1.740 (44.20)</td>
<td>1.540 (39.12)</td>
<td>1.160 (29.46)</td>
<td>2.000 (50.80)</td>
<td>1.160 (29.46)</td>
<td>1.687 (42.85)</td>
<td>.922 (23.42)</td>
<td>.795 (20.19)</td>
</tr>
<tr>
<td>20 21</td>
<td>1.890 (48.01)</td>
<td>1.690 (42.93)</td>
<td>1.230 (31.24)</td>
<td>2.180 (55.37)</td>
<td>1.290 (32.77)</td>
<td>1.912 (48.56)</td>
<td>1.068 (27.13)</td>
<td>.996 (25.30)</td>
</tr>
<tr>
<td>22 23</td>
<td>1.920 (48.77)</td>
<td>1.760 (44.70)</td>
<td>1.300 (33.02)</td>
<td>2.250 (57.15)</td>
<td>1.350 (34.29)</td>
<td>2.036 (51.71)</td>
<td>1.197 (30.40)</td>
<td>1.060 (26.92)</td>
</tr>
<tr>
<td>24 25</td>
<td>2.080 (52.83)</td>
<td>1.790 (45.47)</td>
<td>1.490 (37.85)</td>
<td>2.390 (60.71)</td>
<td>1.470 (37.34)</td>
<td>2.281 (57.94)</td>
<td>1.323 (33.60)</td>
<td>1.123 (28.52)</td>
</tr>
</tbody>
</table>

NOTES

1. See Table I in Intro for front-end dimensional details.
2. Metric dimensions (mm) are in parentheses.
3. See composite thermoplastic shield sock assembly procedure for detailed installation instructions.
4. Coupling nut supplied unplated.
5. Glenair Series 600 Assembly Tools are recommended for installation.
6. Swing arm locks in 45° increments, shell size 09 through 25. Additional positioning increments are manufacturer's option.
7. Screw is captive to the body when disengaged. When tightened, the screw will not protrude into the surface.
8. Clamps accommodate MIL-DTL-38999, Series I, II, will and IV connectors, interface IAW AS85049, Figure 3. Add mod code -475 to end of part number for use with Series II connectors. Backshell to be supplied less shroud.
9. Material/Finish:
   - Clamp body - coupling nut, saddles - High grade engineering thermoplastic/See Table III.
   - Clamp hardware - CRES/Passivate
   - Adapter (EMI/RFI) - Brass/Table III.
   - Anti-rotation device - Corrosion resistant material.
   - Shield - Copper/Nickel plate.
   - Interface ring and shroud - Table III.
   - Crimp ring - Copper/Tin plated.