390-014
Water-Tight EMI/RFI Cable Sealing Backshell
with Strain Relief
Type A - Rotatable Coupling - Standard Profile

CONNECTOR DESIGNATOR
G

ROTATABLE COUPLING

TYPE A OVERALL SHIELD TERMINATION

Product Series
Connector Designator
Angle and Profile
H = 45°
J = 90°
S = Straight
Basic Part No.
Length: S only (1/2 inch increments: e.g. 6 = 3 inches)
Strain Relief Style (C, E)
Cable Entry (Tables X, XI)
Shell Size (Table I)
Finish (Table II)

Length ± .060 (1.52)
Min. Order Length 2.0 Inch
(See Note 4)

Cable Range

STYLe 2
(STRAIGHT
See Note 1)

Length ± .060 (1.52)
Max

1.25 (31.8)

STYLe 2
(45° & 90°
See Note 1)

STYLE C
Medium Duty
(Table X)

Clamping Bars

X (See Note 5)

STYLE E
Medium Duty
(Table XI)

Cable Range

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www.glenair.com
Series 39 - Page 20
E-Mail: sales@glenair.com
### TABLE III: ELBOW DIMENSIONS

<table>
<thead>
<tr>
<th>Shell Size</th>
<th>E Max</th>
<th>F Max</th>
<th>G Max</th>
<th>H Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>1.240 (35.1)</td>
<td>1.050 (26.7)</td>
<td>1.380 (35.1)</td>
<td>1.190 (30.2)</td>
</tr>
<tr>
<td>13</td>
<td>1.260 (32.0)</td>
<td>1.070 (27.2)</td>
<td>1.440 (36.6)</td>
<td>1.250 (31.8)</td>
</tr>
<tr>
<td>15</td>
<td>1.290 (32.8)</td>
<td>1.100 (27.9)</td>
<td>1.500 (38.1)</td>
<td>1.320 (33.5)</td>
</tr>
<tr>
<td>17</td>
<td>1.310 (33.3)</td>
<td>1.120 (28.4)</td>
<td>1.570 (39.9)</td>
<td>1.380 (35.1)</td>
</tr>
<tr>
<td>19</td>
<td>1.340 (34.0)</td>
<td>1.150 (29.2)</td>
<td>1.630 (41.4)</td>
<td>1.460 (37.1)</td>
</tr>
<tr>
<td>23</td>
<td>1.380 (35.1)</td>
<td>1.190 (30.2)</td>
<td>1.730 (43.9)</td>
<td>1.540 (39.1)</td>
</tr>
<tr>
<td>25</td>
<td>1.410 (35.8)</td>
<td>1.220 (31.0)</td>
<td>1.800 (45.7)</td>
<td>1.610 (40.9)</td>
</tr>
<tr>
<td>29</td>
<td>1.580 (40.1)</td>
<td>1.390 (35.3)</td>
<td>2.040 (51.8)</td>
<td>1.850 (47.0)</td>
</tr>
<tr>
<td>33</td>
<td>1.620 (41.1)</td>
<td>1.430 (36.3)</td>
<td>2.130 (54.1)</td>
<td>1.940 (49.3)</td>
</tr>
</tbody>
</table>

1. When maximum cable entry (page 21) is exceeded, Style 2 will be supplied. Dimensions E, F, G and H will not apply. Please consult factory.
2. Metric dimensions (mm) are indicated in parentheses.
3. Cable range is defined as the accommodations range for the wire bundle or cable. Dimensions shown are not intended for inspection criteria.
4. Consult factory for shorter lengths on straight backshells.
5. Saddles are bottomed on clamp ears.

### TABLE X: CABLE ENTRY

<table>
<thead>
<tr>
<th>Dash No.</th>
<th>T Max</th>
<th>W Max</th>
<th>X Ref</th>
<th>Cable Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>03</td>
<td>1.219 (31.0)</td>
<td>.812 (20.6)</td>
<td>.135 (3.4)</td>
<td>.156 (4.0) .219 (5.6)</td>
</tr>
<tr>
<td>04</td>
<td>1.219 (31.0)</td>
<td>.937 (23.8)</td>
<td>.203 (5.2)</td>
<td>.188 (4.8) .312 (7.9)</td>
</tr>
<tr>
<td>06</td>
<td>1.219 (31.0)</td>
<td>1.062 (27.0)</td>
<td>.285 (7.2)</td>
<td>.281 (7.1) .438 (11.1)</td>
</tr>
<tr>
<td>08</td>
<td>1.219 (31.0)</td>
<td>1.188 (30.2)</td>
<td>.350 (8.9)</td>
<td>.312 (7.9) .531 (13.5)</td>
</tr>
<tr>
<td>10</td>
<td>1.281 (32.5)</td>
<td>1.312 (33.3)</td>
<td>.390 (9.9)</td>
<td>.375 (9.5) .625 (15.9)</td>
</tr>
<tr>
<td>12</td>
<td>1.281 (32.5)</td>
<td>1.562 (39.7)</td>
<td>.460 (11.7)</td>
<td>.500 (12.7) .750 (19.1)</td>
</tr>
<tr>
<td>16</td>
<td>1.406 (35.7)</td>
<td>1.750 (44.5)</td>
<td>.510 (13.0)</td>
<td>.625 (15.9) .938 (23.8)</td>
</tr>
<tr>
<td>20</td>
<td>1.656 (42.1)</td>
<td>2.250 (57.2)</td>
<td>.695 (17.7)</td>
<td>.938 (23.8) 1.250 (31.8)</td>
</tr>
<tr>
<td>24</td>
<td>1.906 (48.4)</td>
<td>2.375 (60.3)</td>
<td>.715 (18.2)</td>
<td>1.000 (25.4) 1.375 (34.9)</td>
</tr>
<tr>
<td>28</td>
<td>1.906 (48.4)</td>
<td>2.625 (66.7)</td>
<td>.915 (23.2)</td>
<td>1.250 (31.8) 1.625 (41.3)</td>
</tr>
<tr>
<td>32</td>
<td>2.000 (50.8)</td>
<td>2.812 (71.4)</td>
<td>1.070 (27.2)</td>
<td>1.500 (38.1) 1.875 (47.6)</td>
</tr>
</tbody>
</table>

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