627-122
Composite Swing-Arm Strain Relief
with Self-Locking Rotatable Coupling

CONNECTOR DESIGNATOR:

<table>
<thead>
<tr>
<th>Product Series</th>
<th>Basic Part Number</th>
<th>Dash Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>627 - Swing-Arm Strain Relief</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Connector Designator A, F and H

Finish Symbol (See Table III)

| A | 627 | A | 122 | XO | 16 |

SELF-LOCKING
ROTATABLE COUPLING
LOW PROFILE

U.S. PATENT NO. 6419519

Composite Swing-Arm Strain Relief with Self-Locking Rotatable Coupling

**Position Indicators**
- Captive Position Screw locks Swing Arm in 45° increments (Notes 2, 3)
- Swing Arm in 45° increments (Notes 2, 3)
- Self-Locking Captivated Telescoping Screws (Typ)
- Captivated Self-Locking Telescoping Screws (Typ)
- .062 (1.6) Min Screw Protrusion
- .250 (6.4) max Screw Protrusion (Typ)
- Swing Arm in 45° increments (Notes 2, 3)

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APPLICATION NOTES

1. Metric dimensions (mm) are in parentheses and are for reference only.
2. Glenair series 600 Backshell assembly Tools are recommended for assembly and installation.
3. Swing Arm locks in 45° increments–Sizes 08 thru 24, additional positioning increments are manufacturer's option.
4. Captive Screw can remain engaged to the body when positioning the Arm. When tightened, the Screw shall not protrude into the inside surfaces.
5. Coupling nut supplied unplated.
6. Consult factory for additional entry sizes available.
7. See Table I in Intro for front-end dimensional details.

TABLE II: CONNECTOR SHELL SIZE ORDER NUMBER

<table>
<thead>
<tr>
<th>Shell Size for Connector Designator*</th>
<th>E (±0.06 (1.5))</th>
<th>F (Min)</th>
<th>G (Max)</th>
<th>H (Max)</th>
<th>J (±0.03 0.8)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A 08 08 09</td>
<td>.265 (6.7)</td>
<td>.220 (5.9)</td>
<td>1.060 (26.9)</td>
<td>.980 (24.9)</td>
<td>.880 (22.4)</td>
</tr>
<tr>
<td>B 10 10 11</td>
<td>.310 (7.9)</td>
<td>.270 (6.9)</td>
<td>1.090 (27.7)</td>
<td>1.050 (26.7)</td>
<td>.910 (23.1)</td>
</tr>
<tr>
<td>C 12 12 13</td>
<td>.390 (9.9)</td>
<td>.350 (8.9)</td>
<td>1.180 (30.0)</td>
<td>1.200 (30.5)</td>
<td>.950 (24.1)</td>
</tr>
<tr>
<td>D 14 14 15</td>
<td>.506 (12.9)</td>
<td>.470 (11.9)</td>
<td>1.240 (31.5)</td>
<td>1.300 (33.0)</td>
<td>1.010 (25.7)</td>
</tr>
<tr>
<td>E 16 16 17</td>
<td>.591 (15.0)</td>
<td>.550 (14.0)</td>
<td>1.320 (33.5)</td>
<td>1.440 (36.6)</td>
<td>1.050 (26.7)</td>
</tr>
<tr>
<td>F 18 18 19</td>
<td>.651 (16.8)</td>
<td>.620 (15.7)</td>
<td>1.390 (35.3)</td>
<td>1.560 (39.6)</td>
<td>1.080 (30.0)</td>
</tr>
<tr>
<td>G 20 20 21</td>
<td>.744 (18.9)</td>
<td>.700 (17.8)</td>
<td>1.550 (39.4)</td>
<td>1.690 (42.9)</td>
<td>1.120 (28.4)</td>
</tr>
<tr>
<td>H 22 22 23</td>
<td>.826 (21.0)</td>
<td>.780 (19.8)</td>
<td>1.550 (39.4)</td>
<td>1.770 (45.0)</td>
<td>1.160 (29.5)</td>
</tr>
<tr>
<td>I 24 24 25</td>
<td>.896 (22.8)</td>
<td>.850 (21.6)</td>
<td>1.610 (40.9)</td>
<td>1.890 (48.0)</td>
<td>1.200 (30.5)</td>
</tr>
</tbody>
</table>

TABLE III: FINISH

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Finish Description</th>
</tr>
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<tbody>
<tr>
<td>XB</td>
<td>No Plating - Black Color (Non-Conductive Finish)</td>
</tr>
<tr>
<td>XO</td>
<td>No Plating - Brown Color (Non-Conductive Finish)</td>
</tr>
</tbody>
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