319-120
Composite EMI/RFI Backshell
with Shield Sock and
Self-Locking Rotatable Coupling

CONNECTOR DESIGNATOR:
A  MIL-DTL-5015, -26482 Series II, and -83723 Series I and III
F  MIL-DTL-38999 Series I, for Series II see note 3
H  MIL-DTL-38999 Series III and IV

SELF-LOCKING
ROTATABLE COUPLING
LOW PROFILE

Product Series
319 - EMI/RFI Shield Sock Assemblies

Connector Designator
A, F, and H

Basic Part Number
319 H S 120 XB 15 B R 14

Connector Shell Size
(See Table II)

Optional Braid Material
Omit for Standard
(See Table IV)

Custom Braid Length
Specify In Inches
(Omit for Std. 12" Length)

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

Finish Symbol
(See Table III)

Angle and Profile
S - Straight

Connector Designator

Standard Shield IAW 107-030
Nickel / Copper. See Table III for
optional material.

Glenair Part Number 687-749

Band
Glenair Part Number 600-052-1

Anti-Rotation Device
Crimp Ring
EMI Shroud
A Thread

Termination Area Free of Cadmium
Detail "B" Finish XN

Dimensional Drawing

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www.glenair.com

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### TABLE II: SHELL SIZE

<table>
<thead>
<tr>
<th>Shell Size</th>
<th>K Diameter</th>
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<tbody>
<tr>
<td>A, F</td>
<td>H</td>
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<tr>
<td>08</td>
<td>09</td>
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<tr>
<td>10</td>
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</table>

### TABLE III: FINISH

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Finish</th>
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</thead>
<tbody>
<tr>
<td>XB</td>
<td>Composite Material–No Plating, Color Black, Brass Interface Shroud and Adapter–Nickel Plated</td>
</tr>
<tr>
<td>XMT</td>
<td>2000 Hour Corrosion Resistant Ni-PTFE, Nickel-Fluorocarbon Polymer. 1000 Hour Grey™</td>
</tr>
<tr>
<td>XN</td>
<td>Composite Material–No Plating, Color Black and Brown, Brass Interface Shroud and Adapter–Selectively Cadmium Plated (See Detail B)</td>
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</tbody>
</table>

### TABLE IV: BRAID TYPE

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Braid Type</th>
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<tbody>
<tr>
<td>A</td>
<td>100% AmberStrand®</td>
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<tr>
<td>B</td>
<td>75%/25% AmberStrand® Blend</td>
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<tr>
<td>L</td>
<td>100% ArmorLite™</td>
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<tr>
<td>Standard</td>
<td>Nickel/Copper 34awg</td>
</tr>
<tr>
<td>T</td>
<td>Tin/Copper 34awg</td>
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</tbody>
</table>

### NOTES

1. See Table I in Intro for front-end dimensional details.
2. See composite thermoplastic shield sock assembly procedure for detailed installation instructions.
3. Add mod code -475 to end of part number for use with Series II connectors. Backshell to be supplied less shroud.
4. Coupling nuts supplied unplated.