**HiPer 55116**

Audio Plug with wire strain relief, crimp-removable contacts

157-009

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**MATERIALS AND FINISHES**

- Shells and backshells: Stainless steel/PTFE-nickel plated (matte finish)
- Inserts: Diallylphthalate resin type SDG-F
- Seals: Ethylene propylene rubber
- Other metals: Aluminum alloy 6061 T6/hard anodized (dark gray)
- Strain Relief Spring: Steel corrosion resistant wire/chemical blackening
- Contacts: Copper alloy/gold plate

**NOTES**

- Plugs are identified with Glenair’s name, part number and date code.
- Meets interface configurations and IAW specifications of MIL-DTL-55116 Type C, and exceeds the following:
  - Shell-to-shell conductivity: 2.5 milliohms max.
  - Cable shield-to-shell conductivity: 2.5 milliohms max.
  - Contact resistance (mated): 15 milliohms max. average; 20 milliohms max.
  - Pressure sealing (mated & un-mated): IP67 (1 meter of standing water for 1 hour)
  - Salt atmosphere: 1,000 hours (MIL-STD-202, Method 101E)
  - Cable pull-out force (unmated): 100 lbf. (Cable shield strength dependent)
- Crimp-removable pin contacts and contact retainer disc are supplied loose. Contact Glenair for the crimp tool and locator.

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**Table I: Connector Configuration**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Connector Configuration</th>
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<tbody>
<tr>
<td>157-009-1</td>
<td>MSS116/1 type (U-229) Plug, 5 crimp-removable contacts</td>
</tr>
<tr>
<td>157-009-2</td>
<td>MSS116/2 type (U-229) Plug, 6 crimp-removable contacts</td>
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</tbody>
</table>

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**Dimensions** are subject to change without notice.