HiPer 55116
Audio plug with wire strain relief
152-001

Audio Plug, Field-Serviceable with Wire Strain Relief and Rigid Crimp Terminal or Solder Cup Contacts

Mates with 152-003 and 152-004, 151-003 and 151-004, and Standard MIL-DTL-55116 Receptacles

Audio Plug, Composite Thermoplastic, with IP67 watertight strain relief and crimp terminal or solder cup contacts
Consult factory for details

Composite Version Also Available
152-014

Table I: Connector Configuration

<table>
<thead>
<tr>
<th>Series</th>
<th>Connector Configuration</th>
<th>Sample Part Number</th>
<th>How To Order</th>
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</thead>
<tbody>
<tr>
<td>-1</td>
<td>5 pin, crimp</td>
<td>152-001</td>
<td>-1 -3</td>
</tr>
<tr>
<td>-2</td>
<td>6 pin, crimp</td>
<td></td>
<td></td>
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<tr>
<td>-3</td>
<td>5 pin, solder cup</td>
<td></td>
<td></td>
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<tr>
<td>-4</td>
<td>6 pin, solder cup</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-5</td>
<td>8 pin, solder cup</td>
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<td></td>
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</tbody>
</table>

Sample Part Number

152-001

1.018
.730
.720
.748 FLATS
ø .836
.826

Composite Version Also Available
152-014

Audio Plug, Composite Thermoplastic, with IP67 watertight strain relief and crimp terminal or solder cup contacts
Consult factory for details

Integrated EMI Ground Spring

Spring Coil Strain Relief (User-Serviceable)

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)