HiPer 55116
Audio Plug with termination porch and overmolding adapter
152-002

AUDIO PLUG WITH INTEGRATED EMI GROUND SPRING, SHIELD TERMINATION PORCH, INTEGRATED OVERMOLDING/SEALING BOOT FEATURE 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

How To Order

<table>
<thead>
<tr>
<th>Sample Part Number</th>
<th>152-002</th>
<th>-1</th>
<th>-3</th>
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<tbody>
<tr>
<td>Series</td>
<td>HiPer 55116 Audio plug with overmold adapter</td>
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<td>Connector Configuration (See Table I)</td>
<td>-1 = 5 pin, crimp</td>
<td>-3 = 5 pin, solder cup</td>
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<tr>
<td>Size (cable accommodation)</td>
<td>-1 = .165 ± .010</td>
<td>-4 = .290 ± .010</td>
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<tr>
<td></td>
<td>-2 = .228 ± .010</td>
<td>-5 = .320 ± .010</td>
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<td>-3 = .250 ± .010</td>
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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
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): IP68 (10 meters 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)