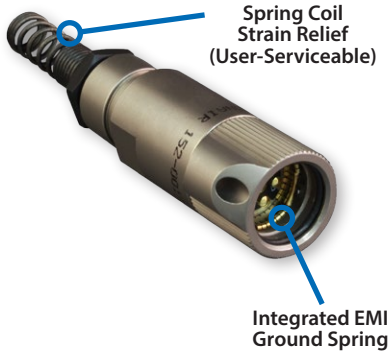
HiPer 55116

Audio plug with wire strain relief

152-001

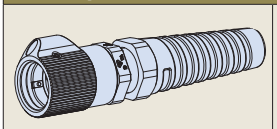
AUDIO PLUG, FIELD-SERVICEABLE WITH WIRE STRAIN RELIEF AND RIGID CRIMP TERMINAL OR SOLDER CUP CONTACTS

MATES WITH 152-003 AND 152-004, 151-003 AND 151-004, AND STANDARD MIL-DTL-55116 RECEPTACLES

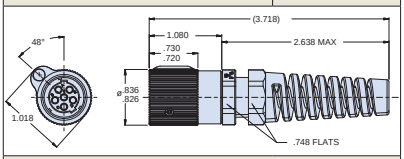


How To Order				
Sample Part Number		**152-001**	**-1**	**-3**
Series	**HiPer 55116 Audio plug with wire strain relief**			
Connector Configuration (See Table I)	**-1** = 5 pin, crimp **-2** = 6 pin, crimp	**-3** = 5 pin, solder cup **-4** = 6 pin, solder cup		
Size (cable accommodation)	**-1** = .165 ± .010 **-2** = .228 ± .010 **-3** = .250 ± .010	**-4** = .290 ± .010 **-5** = .320 ± .010		

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

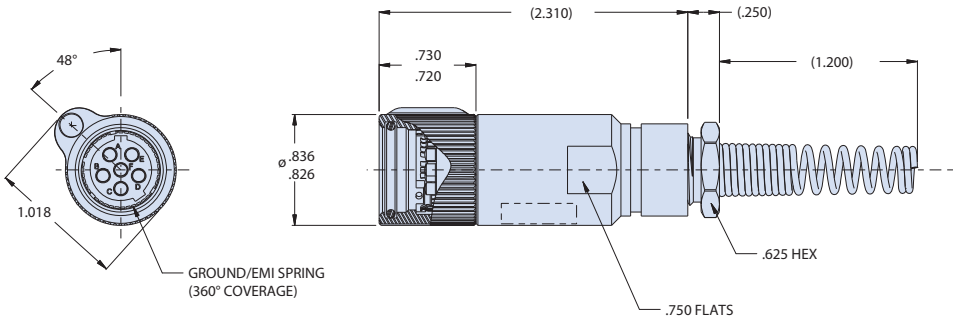
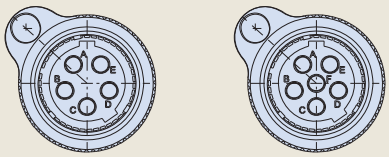


Table I: Connector Configuration



5 Contacts — 6 Contacts

152-001-1	M55116/1 type (U-229) Plug, 5 crimp sleeve terminals
152-001-2	M55116/2 type (U-229) Plug, 6 crimp sleeve terminals
152-001-3	M55116/3 type (U-229) Plug, 5 Solder Cup Contacts
152-001-4	M55116/4 type (U-229) Plug, 6 Solder Cup Contacts

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)