

HiPer 55116

Audio Plug with termination porch and overmolding adapter

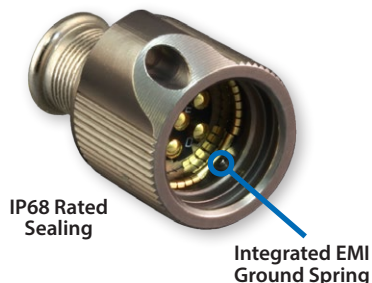
152-002



TACTICAL
INTERCONNECT
SOLUTIONS

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			
Sample Part Number	152-002	-1	-3
Series	HiPer 55116 Audio plug with overmold adapter		
Connector Configuration (See Table I)	-1 = 5 pin, crimp	-3 = 5 pin, solder cup	
	-2 = 6 pin, crimp	-4 = 6 pin, solder cup	
Size (cable accommodation)	-1 = .165 ± .010	-4 = .290 ± .010	
	-2 = .228 ± .010	-5 = .320 ± .010	
	-3 = .250 ± .010		

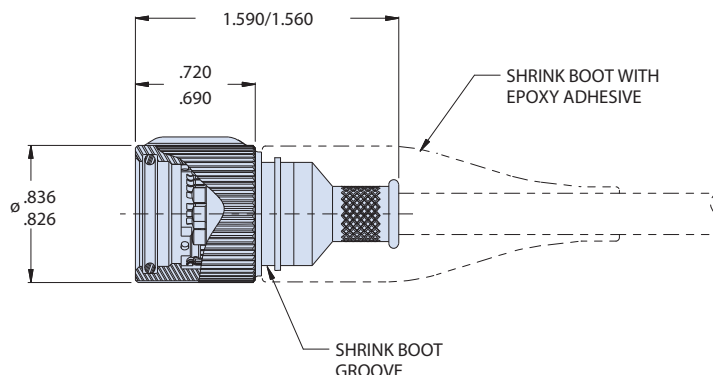
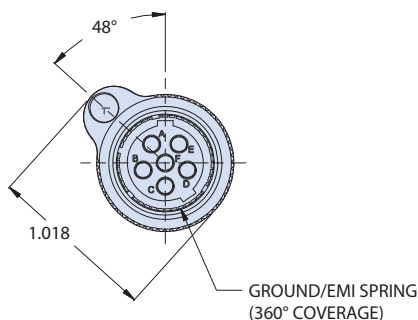


Table I: Connector Configuration

		5 Contacts	6 Contacts
152-002-1	M55116/5 type (U-182) Plug, 5 crimp sleeve terminals		
152-002-2	M55116/6 type (U-182) Plug, 6 crimp sleeve terminals		
152-002-3	M55116/7 type (U-182) Plug, 5 Solder Cup Contacts		
152-002-4	M55116/8 type (U-182) 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

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)