In-Line Receptacle

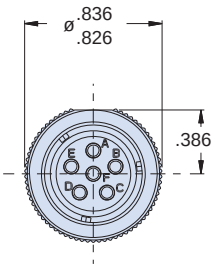
152-004

SHORT-LENGTH IN-LINE RECEPTACLE WITH SHIELD TERMINATION PORCH, INTEGRATED OVERMOLDING/SEALING BOOT FEATURE AND NON-RIGID SPRING CONTACTS

MATES WITH 152-001 AND 152-002, 151-001 AND 151-002, AND STANDARD MIL-DTL-55116 PLUGS



How To Order				
Sample Part Number		**152-004**	**-1**	**-3**
Series	**HiPer 55116 in-line receptacle**			
Connector Configuration (See Table I)	**-1** = 5 pin, crimp **-2** = 6 pin, crimp	**-3** = 5 pin, solder cup **-4** = 6 pin, solder cup		
Size	**-1** = .165 ± .010 **-2** = .228 ± .010 **-3** = .250 ± .010	**-4** = .290 ± .010 **-5** = .320 ± .010		



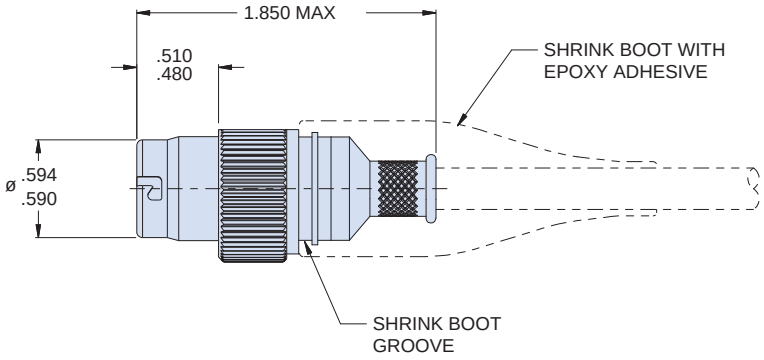
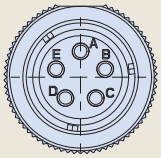
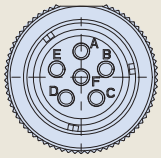


Table I: Connector Configuration



5 Contacts



6 Contacts

152-004-1	M55116/11 type (U-228) Receptacle, 5 Crimp Contacts
152-004-2	M55116/12 type (U-228) Receptacle, 6 Crimp Contacts
152-004-3	M55116/13 type (U-228) Receptacle, 5 Solder Cup Contacts
152-004-4	M55116/14 type (U-228) Receptacle, 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

Connectors 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)

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