HiPer 55116

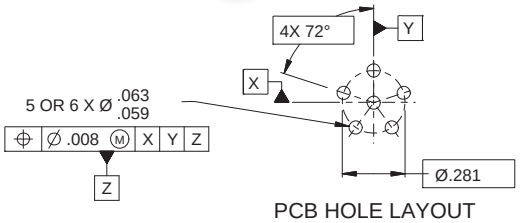
Radio Mount Audio Receptacle with PC tails

152-013

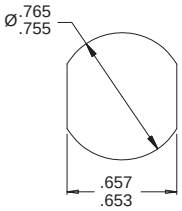
RADIO MOUNT JAM NUT RECEPTACLE WITH NON-RIGID SPRING CONTACTS, PC TAIL

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

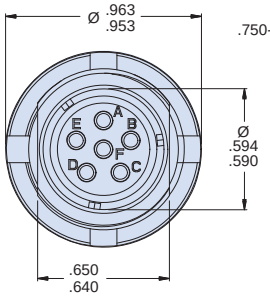
How To Order			
Sample Part Number	**152-013**	**-2**	**-4**
Product Series	**HiPer 55116 radio-mount jam nut receptacle** with PC tail contacts		
Connector Style	**-1** = U-183 type 5-pin **-2** = U-183 type 6-pin		
PC tail type	see Table II		

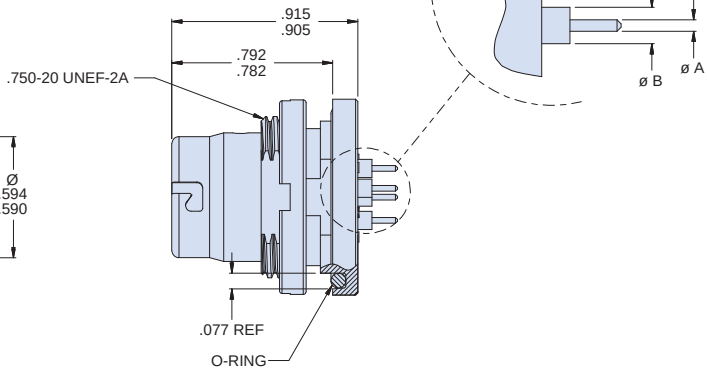


PCB HOLE LAYOUT
(152-013-2-X SHOWN)
Angular position of PCB tails is ±2°.
PCB layout will accommodate this tolerance.



Recommended Panel Hole





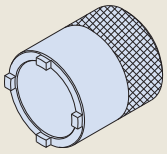
600-196 Spanner Tool	
	Spanner tool with socket drive attachment for all Series 151 and 152 55116 receptacles

Table II: PC Tail Dimensions				
Dash No.	Ø A	Ø B	C	D
-1	.040	.089	.115	.169
-2	.040	—/—	—/—	.437
-3	.028	.089	.188	.590
-4	.028	.089	.125	.194
-5	.028	.089	.208	.257
-6	.040	—/—	—/—	.110
-7	.028	.089	.150	.437
-8	.030	—/—	—/—	.120
-9	.028	.089	.140	.390
-10	.040	—/—	—/—	.744
-11	.030			.564
-12	.040			.110
-13	.040			.900
-14	.040			.257

MATERIALS AND FINISHES

Shell and nut: Stainless steel/PTFE-nickel plated (matte finish)
Inserts: Diallylphthalate resin type SDG-F
Seals: Ethylene propylene rubber
Contacts: Copper alloy/gold plate
Contact spring: CRES/passivated

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 / 1 hr.)
Salt atmosphere: 1,000 hours (MIL-STD-202, Method 101E)