

Filtered Audio Receptacle, Radio Mount with Solder Cup Contacts

240-152-003

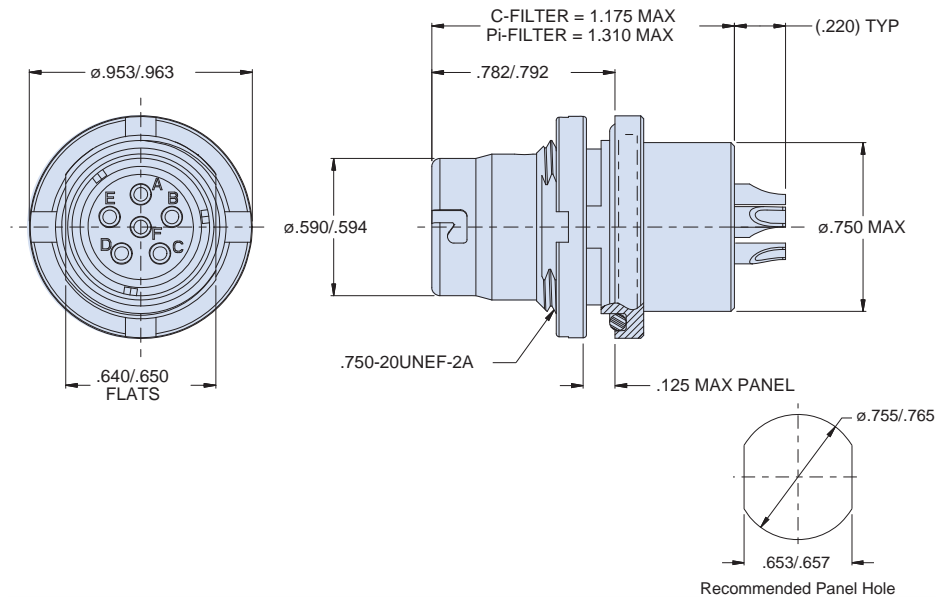


FILTERED RADIO-MOUNT JAM NUT RECEPTACLE WITH NON-RIGID SPRING CONTACTS, SOLDER CUP
MATES WITH 152-001 AND 152-002, 151-001 AND 151-002, AND STANDARD MIL-DTL-55116 PLUGS



How To Order	
Sample Part Number	240-152-003 -1 ZMT -C A
Series	HiPer 55116 filtered receptacle, solder cups
Connector Configuration (See Table I)	-1 = 5 pin, solder cup -2 = 6 pin, solder cup
Shell / Nut Finish	ZMT = Nickel-PTFE
Filter Type	C = C-Filter P = Pi Filter
Filter Capacitance	See Table III

Class	Pi - Circuit (pF)	C - Circuit (pF)
X	160,000 - 240,000	80,000 - 120,000
Y	80,000 - 120,000	40,000 - 60,000
Z	60,000 - 90,000	30,000 - 45,000
A	38,000 - 56,000	19,000 - 28,000
B	32,000 - 45,000	16,000 - 22,500
C	18,000 - 33,000	9,000 - 16,500
D	8,000 - 12,000	4,000 - 6,000
E	3,300 - 5,000	1,650 - 2,500
F	800 - 1,300	400 - 650
G	400 - 600	200 - 300
J	70-120	35-60



600-196 Spanner Tool

Spanner tool with socket drive attachment for all Series 151 and 152 55116 receptacles

5 Contacts	6 Contacts
240-152-003-1	M55116/9 type (U-183) Receptacle, 5 Solder Cup Contacts
240-152-003-2	M55116/10 type (U-183) 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 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, and exceeds:
 Shell-to-shell conductivity: 2.5 milliohms max.
 Cable shield-to-shell conductivity: 2.5 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)
 Filters meet the requirements of MIL-STD-2120

ELECTRICAL PERFORMANCE

Filter topology and capacitance: see Table III
 Insulation resistance = 1000 Megohms min at 200 VDC DWV = 500 VDC
 Contact resistance (mated): 15 mΩ max average, 20 mΩ max Current rating: 0.5 Amp