133-3701-401
133-3701-406

133-3701-411
133-3701-416

MCX Front Mount Bulkhead Jack Receptacle

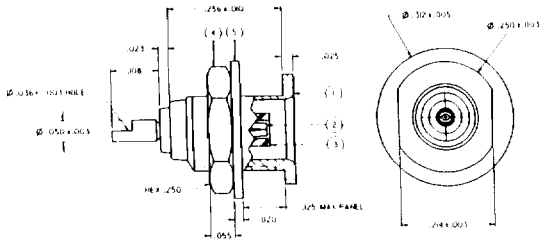


Fig. 1

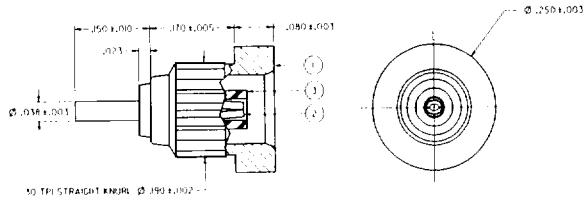
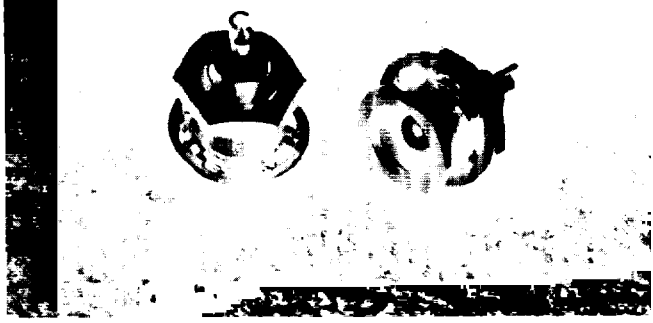


Fig. 2



- 30% Smaller Than SMB
- .125" Max Panel Thickness
- Front Mounting Style
- Threaded and Press In Versions

CECC 22220 Compatible

Part Number	Item 1 Body	Item 2 Contact	Item 3 Insulator	Item 4 Nut	Item 5 Washer
133-3701-401 Figure 1	Brass Gold pl .00001 min over Nickel pl .00005 min over Copper pl .00005 min	Beryllium Copper Gold pl .00003 min over Nickel pl .00005 min over Copper pl .00005 min	Teflon	Brass Gold pl .00001 min over Nickel pl .00005 min over Copper pl .00005 min	Phosphor Bronze Gold pl .00001 min over Nickel pl .00005 min over Copper pl .00005 min
133-3701-411 Figure 2	Brass Gold pl .00001 min over Nickel pl .00005 min over Copper pl .00005 min	Beryllium Copper Gold pl .00003 min over Nickel pl .00005 min over Copper pl .00005 min	Teflon		
133-3701-406 Figure 1	Brass Nickel pl .0001 min over Copper pl .00005 min Copper pl .00005 min	Beryllium Copper Gold pl .00003 min over Nickel pl .00005 min over	Teflon	Brass Nickel pl .00001 min over Copper pl .00005 min	Phosphor Bronze Nickel pl .00001 min over Copper pl .00005 min
133-3701-416 Figure 2	Brass Nickel pl .0001 min over Copper pl .00005 min Copper pl .00005 min	Beryllium Copper Gold pl .00003 min over Nickel pl .00005 min over	Teflon		

Specifications:
Impedance: 50 Ohms
Frequency Range: 0-6 GHz
Working Voltage: 335 Vrms at sea level
Dielectric Withstanding Voltage: 1000 Vrms min at sea level
Insulation Resistance: 10000 Megohm
Contact Resistance:
Center Contact - Initial 5 milliohm max, after environmental 8 milliohm max
Outer Conductor - Gold plated initial 1 milliohm max, after environmental 1.5 milliohm max
Nickel plated initial 2.5 milliohm max, after environmental 3.5 milliohm max
Corona Level: 250 volts minimum at 70,000 feet
RF High Potential Withstanding Voltage: 600 Vrms at 4 and 7 MHz

Mechanical:
Engage/Disengage Force: 3.4 lbs max engagement
5 lbs typical disengagement
Contact Retention Force: 4 lbs min
Contact Retention Torque: 1 in-oz min
Durability: 500 cycles min

Environmental:
(Meets or exceeds the applicable paragraph of MIL-C-39012)
Thermal Shock: MIL-STD-202, Method 107, Condition F
Operating Temperature: -65 deg C to 165 deg c
Corrosion: MIL-STD-101, Method 101, Condition B
SHOCK: MIL-STD-202, Method 213, Condition B
Vibration: MIL-STD-202, Method 204, Condition B
Moisture Resistance: MIL-STD-202, Method 106

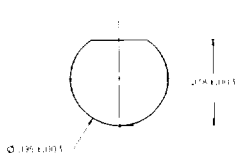


Fig. 1

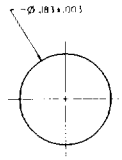


Fig. 2

Mounting Hole Layout