

4533-6008

NOTES:

1. MATING: Interface dimensions per Mil-C-3901 ~~PTNC~~ Series & Solitron/Microwave MD-110

2. MATERIALS:

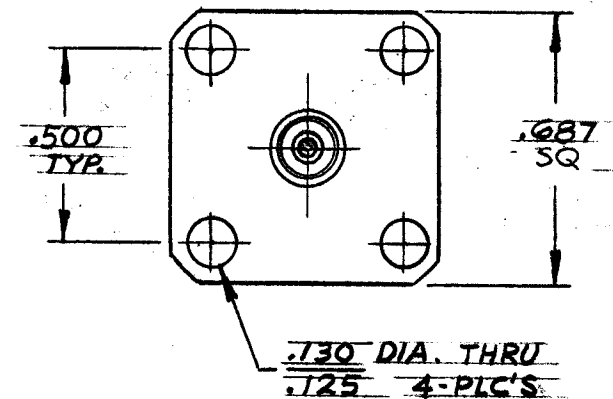
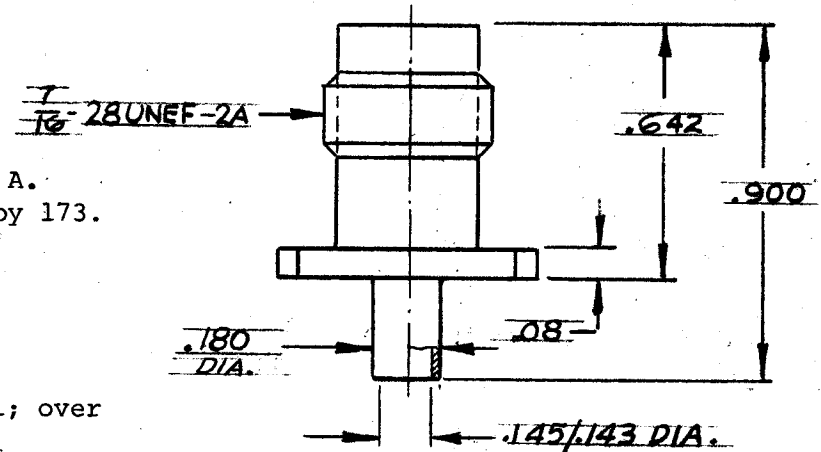
BODY & SLEEVE...Stainless Steel per ~~AMS-5640~~, Type 303, Cond. A.
 CONTACT.....Beryllium Copper per QQ-C-530, Cond. HT., Alloy 173.
 INSULATOR.....Teflon per Mil-P-19468 and L-P-403, Type 1.

3. FINISH:

BODY & SLEEVE...Gold per Mil-G-45204, Type I, Grade C, Class 1; over Nickel per Mil-C-26074, Class 1.
 CONTACT.....Gold per Mil-G-45204, Type II, Grade C, Class 2; over Copper per Mil-C-14550, Class 4.

4. CONNECTOR ACCOMMODATES: .141 Dia. Semi-R8gid Cable.

5. CABLE ASSEMBLY INSTRUCTIONS: Per Solitron/Microwave 300-80-384.



SYMBOL	DESCRIPTION	DATE	APPR	UNLESS OTHERWISE SPECIFIED 1 ALL DIMENSIONS ARE AFTER PLATING 2 BREAK ALL CORNERS & EDGES .005 R MAX. 3 CHAMFER 1ST & LAST THREADS 45° 4 SURFACE ROUGHNESS 63 MIL-STD-10 5 DIAMETERS ON COMMON CENTERS TO BE CONCENTRIC WITHIN T.I.R. 6 REMOVE ALL BURRS	SOLITRON/MICROWAVE PORT SALERNO, FLORIDA		REF.			
	REL. DCN F-10356	3/86			DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS FRACTIONAL ANGULAR .X ± .030 X' ± 1'0" .XX ± .015 ± 1/64 X'X ± 15" .XXX ± .005		MATERIAL SEE NOTE 2	TITLE PTNC JACK 4-HOLE FLANGE MOUNT FOR .141 DIA. S.R. CABLE		
				DRAWN <i>SM</i> DATE 3/19/86	FINISH SEE NOTE 3.	AREA —	SCALE —	CODE IDENT NO. 95077	SIZE A	DRAWING NO. SHEET 1 OF 2 4533-6008
				CHECKED DATE						
				APPROVED <i>SM</i> DATE 4-2-86						

S/M DESIGN STANDARDS

DRAWING NO.

4533-6008

REQUIREMENTS	RATINGS	REQUIREMENTS	RATINGS
Nominal Impedance (ohms)	50	Vibration	MIL-STD-202 Method 204 Cond. D (20G's)
Frequency Range (ghz)	DC - 15.	Shock	MIL-STD-202 Method 213 Cond. I (100G's)
Voltage Rating (max. vrms)	500	Temperature Cycling	MIL-STD-202 Method 107 - Cond. B (-65°C to +115 ° C)
Temperature Rating (degrees centigrade) *	-65° ro + 105°	Corrosion	MIL-STD-202 Method 101 Cond. B (48 Hrs.)
VSWR (max.)	1.05 + .010 xFGHz	Moisture Resistance	MIL-STD-202 Method 106 Less Step 7b
Insertion Loss (dB max.)	.04 x \sqrt{FGHz}	Barometric Pressure (Altitude)	MIL-STD-202 Method 105 - Cond. C (70,000 ft) (375 vrms)
RF Leakage (min. dB down)	100 dB-FGHz	Hermeticity	N/A
RF High Potential (max. vrms)	1000 at 5MHz	CAPTIVATION: Center Contact (Min. Axial Force)	N/A
Dielectric Withstanding Voltage (max. vrms)	1500		
Insulation Resistance (min. megohms)	5000		
Contact Resistance: Center Contact (max. milliohms) Outer Contact (max. milliohms)	1.5 0.2		
Center Contact Axial Forces: Insertion (max. ounces) Withdrawal (min. ounces)	24.0 2.0		
Connector Durability (min. cycles)	500		
Connector Engagement & Disengagement (max. inch lbs.)	2.0		

REMARKS: 1) Recommended Mating Torque: 6 - 10 Inch Pounds.
* 2) Connector is Detated from + 165°C When used with Cable Specified.

TITLE: PTNC JACK 4 HOLE FLANGE MOUNT
FOR .141 DIA. SEMI-RIGID CABLE.

SOLITRON/MICROWAVE
PORT SALERNO, FLORIDA

SHT. 2 of 2

DRAWING NO.
4533-6008

REV.
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