

2285-0013

NOTES:

1. MATING: Interface Dimensions per Mil-C-39012 SMC Series & Solitron/Microwave MD-124.

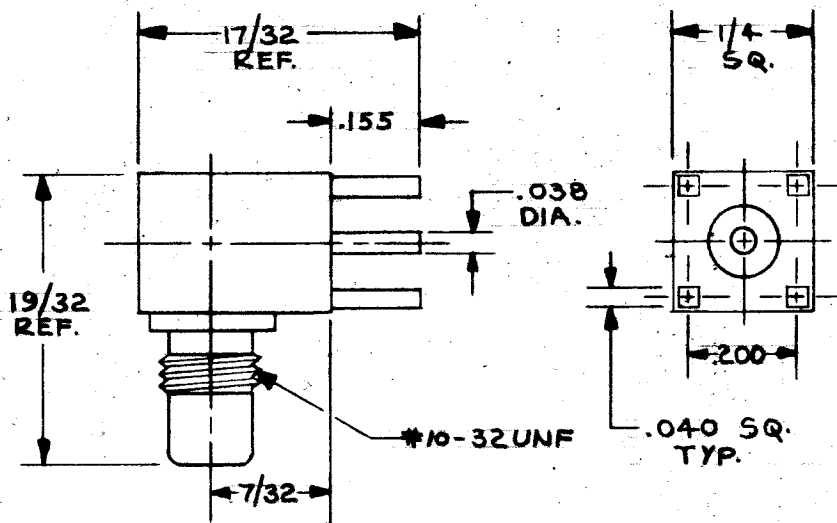
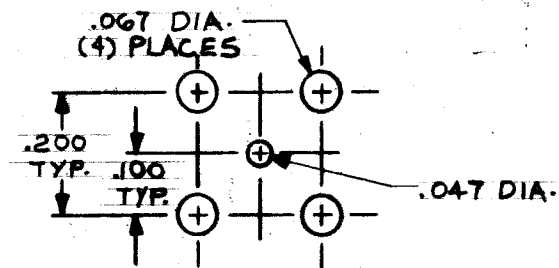
2. MATERIALS:

ALL METAL PARTS...Brass per QQ-B-626, 1/2 H., Alloy 360
INSULATOR.....Teflon per AMS-3659B, Mil-P-19468 & L-P-403, Type 1.

3. FINISH:

ALL METAL PARTS
EXCEPT CONTACTS..Gold per Mil-G-45204, Type II, Grade C, Class 1; over Copper per Mil-C-14550, Class 4.
CONTACTS.....Gold per Mil-G-45204, Type I, Grade C, Class 1; over Copper per Mil-C-14550, Class 4.

RECOMMENDED HOLE PATTERN



SYM	DESCRIPTION	DATE	APPR.	UNLESS OTHERWISE SPECIFIED			REF.	ENGINEERING DATA DRAWING
				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				
	REL. DCN F- 10548	9/86	D	DIMENSIONS ARE IN INCHES TOLERANCES			MATERIAL	TITLE
				DECIMALS	FRACTIONAL	ANGULAR	SEE NOTE 2	SMC
				X ± .030		X' ± 1°	SEE NOTE 3	RIGHT ANGLE
				XX ± .015	1/64	X'X' ± 15'	AREA	RECEPTACLE JACK
				XXX ± .005			SCALE	DRAWING NO.
				DRAWN R. G.	DATE 9-13-86		CODE IDENT. NO.	SHEET 1 OF 2
				CHECKED [Signature]	DATE 9-16-86		SIZE	2285-0013
				APPROVED [Signature]	DATE 9-18-86			

ENG. FILE COPY

S/M DESIGN STANDARDS

DRAWING NO.
2285-0013

REQUIREMENTS	RATINGS	REQUIREMENTS	RATINGS
Nominal Impedance (ohms)	50	Vibration	MIL-STD-202 Method 204 Cond. D (20G's)
Frequency Range (ghz)	DC - 10.0		
Voltage Rating (max. vrms)	335	Shock	MIL-STD-202 Method 213 Cond. I (100G's)
Temperature Rating (degrees centigrade)	-65° to + 165°		
VSWR (max.)	N/A xFGHZ	Temperature Cycling	MIL-STD-202 Method 107 - Cond. B (-65°C to + 200 ° C)
Insertion Loss (dB max.)	N/A $x\sqrt{FGHZ}$		
RF Leakage (min. dB down)	N/A dB-FGHZ	Corrosion	MIL-STD-202 Method 101 Cond. B (48 Hrs.)
RF High Potential (max. vrms)	670 at 5MHZ		
Dielectric Withstanding Voltage (max. vrms)	1000	Moisture Resistance	MIL-STD-202 Method 106 Less Step 7b
Insulation Resistance (min. megohms)	5000		
Contact Resistance: Center Contact (max. milliohms) Outer Contact (max. milliohms)	6.0 1.0	Barometric Pressure (Altitude)	MIL-STD-202 Method 105 - Cond. C (70,000 ft) (250 vrms)
Center Contact Axial Forces: Insertion (max. ounces) Withdrawal (min. ounces)	N/A		
Connector Durability (min. cycles)	500	CAPTIVATION: Center Contact Min. Axial Force	6.0 lbs.
Connector Engagement & Disengagement (max. inch lbs.)	1.0		

REMARKS: 1) Recommended Mating Torque: 35 - 50 Inch Ounces

TITLE: SMC RIGHT ANGLE RECEPTACLE JACK

SOLITRON/MICROWAVE
PORT SALERNO, FLORIDA

SHT. 2 of 2

DRAWING NO.
2285-0013

REV.
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