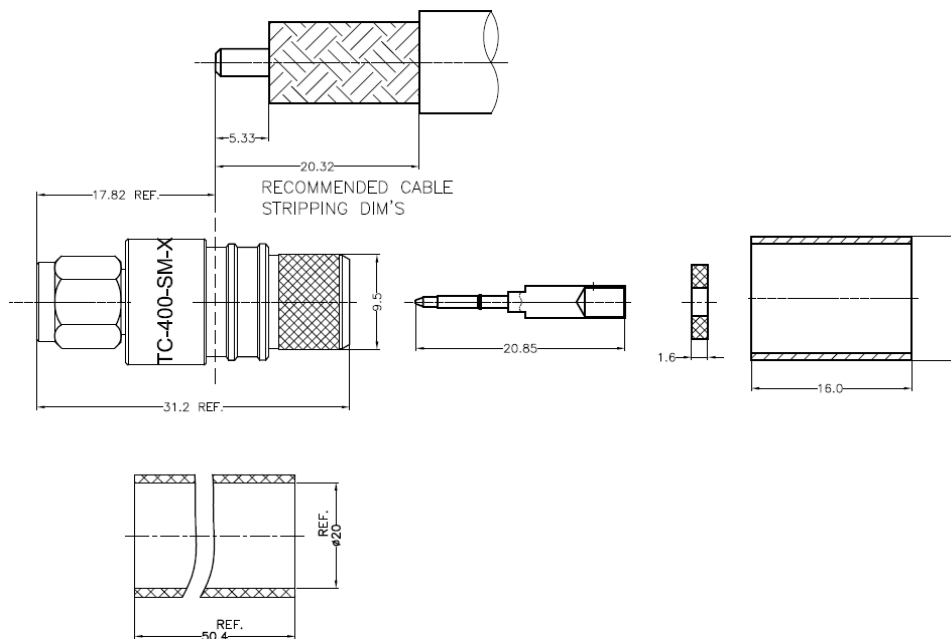


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	N. N. N	4/14/14	J. D. B.	4/16/14

REMARKS:

1. CENTER PIN IS SOLDERED.
2. CRIMP FERRULE HEX. CRIMP SIZE .429"



MATERIALS AND PLATING		UNIT: MICRO-INCHES
BODY	BRASS C3604	ALBALOY PLATING
CONTACT PIN	BRASS C3604	GOLD 50µ" / NICKEL/COPPER
INSULATOR	TEFLON MIL-P-19468	
SHELL	BRASS C3604	ALBALOY PLATING
FERRULE	BRASS C3604	ALBALOY PLATING

(MECHANICAL CHARACTERISTICS)	
Force to engage and disengage	N/A
Center contact retention force	N/A
Recommended coupling torque	7-10 in-lbs
Coupling nut retention force	60 lbs MIN.
Durability	≥ 500 cycles

ELECTRICAL CHARACTERISTICS	
Impedance	50 Ω
Voltage rating	335V(rms)
Frequency range	0~6GHz
Dielectric withstanding voltage	500V
Contact resistance	Center contact ≤ 3mΩ Outer contact ≤ 2mΩ
Insulation resistance	≥ 5000MΩ
Insertion loss	N/A
RF-leakage	N/A
VSWR	1.22 max (0-6G)
(3rd Intermodulation)	N/A

ENVIRONMENTAL CHARACTERISTICS	
Temperature range	-55°C - +125°C
Relative Humidity	MIL-STD-202, Method 106
Vibration	MIL-STD-202, Method 204, Cond D
Shock	MIL-STD-202, Method 213, Cond I
Corrosion	MIL-STD-202, Method 101, Cond B

MATL: SEE ABOVE		UNLESS OTHERWISE SPECIFIED			DFTM. N. N. N		TIMES MICROWAVE SYSTEMS		
		ALL DIMENSIONS ARE IN mm			DATE 4/14/14				
USED ON:		UNLESS OTHERWISE SPECIFIED: 1)EDGES C0.15 MAX; 2)REMOVE ALL BURRS; 3)SURFACE ROUGHNESS Ra1.6; 4)UNITS:mm; 5)DIMENSIONS TOLERANCES DECIMALS ANGLES .x ±0.3 ±5° .xx ±0.2			CHKD. J. D. B.		TC-400-SM-X SMA Male for LMR-400		
					DATE 4/16/14				
					APPD. J. D. B.				
					DATE 4/16/14				
SCALE: ~		DWG. SIZE A	DO NOT SCALE DRAWING	CODE IDENT 68999	DATE 4/16/14		SHEET 1 of 1	SD3190-3046	REV A

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