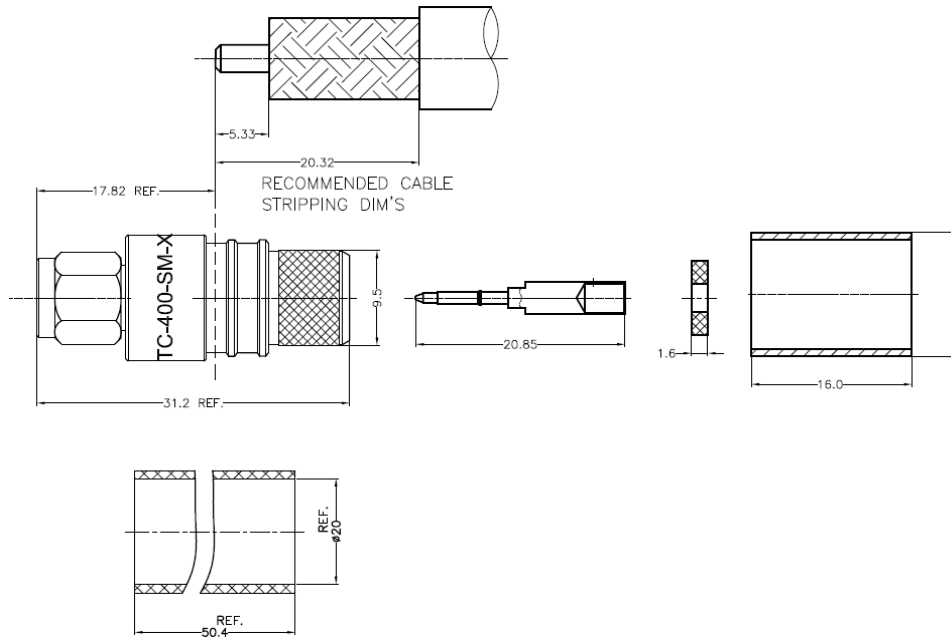


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	N. N. N	4/14/14	J. D. B.	4/16/14

REMARKS:

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



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

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

(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

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

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.

USED ON:

SCALE: ~

DWG. SIZE A

DO NOT SCALE DRAWING

CODE IDENT

68999

DATE 4/16/14

1 of 1

SD3190-3046

REV A