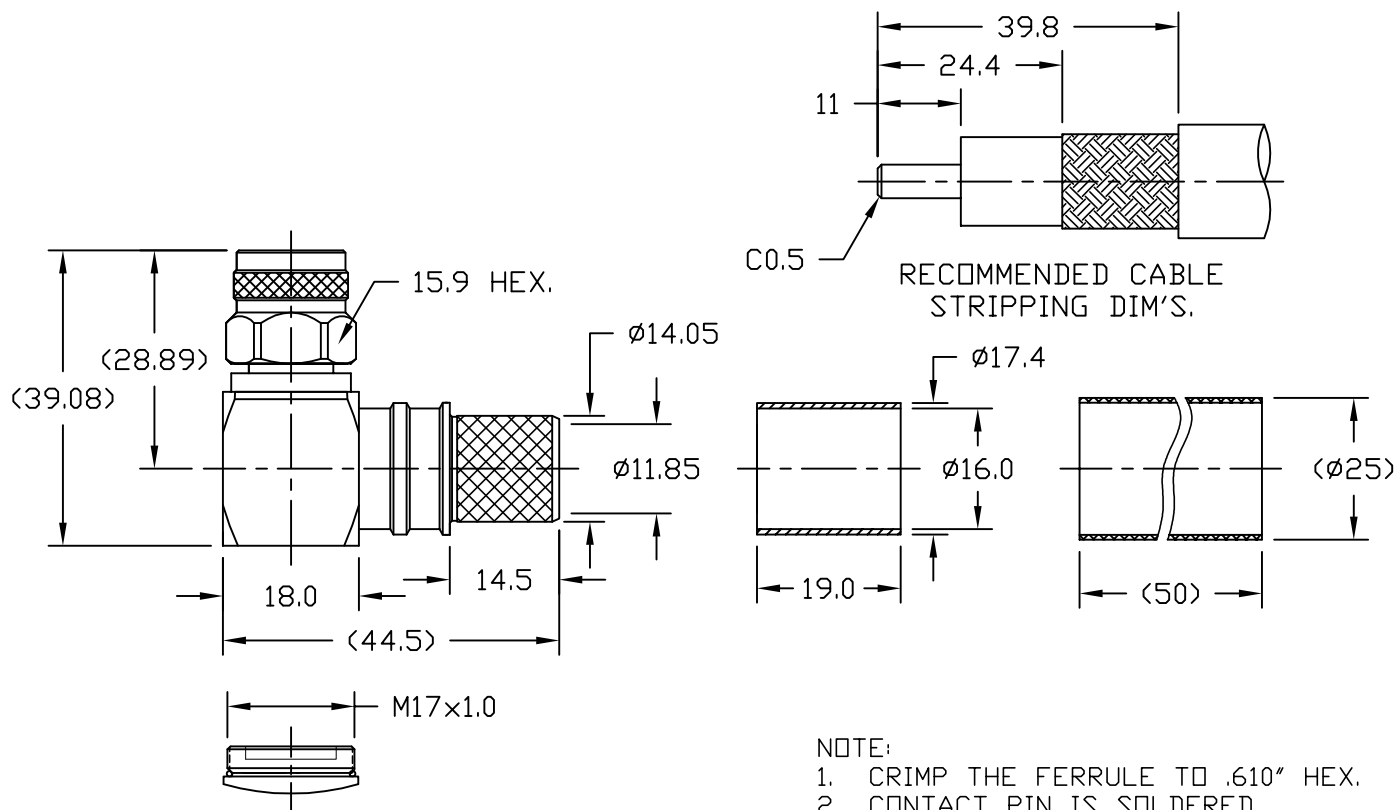


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	D. J. H.	12/22/11	J. D. B.	1/3/12
B	CHANGED PER CDC #42512	D. J. H.	6/23/15	J. D. B.	6/25/15



- NOTE:
 1. CRIMP THE FERRULE TO .610" HEX.
 2. CONTACT PIN IS SOLDERED.

ALL PARTS SATISFIED ROHS REQUIREMENTS

MATERIALS AND PLATING		UNIT: MICRO-INCHES
BODY/SHELL	BRASS C3604	ALBALOY 80u"/COPPER
CONTACT PIN	BRASS C3604	GOLD 50u"/NICKEL/COPPER
INSULATOR	TEFLON MIL-P-19468	N/A
FERRULE	BRASS	ALBALOY 80u"/COPPER
SHRINK TUBING	PO	BLACK

ELECTRICAL CHARACTERISTICS	
Impedance	50 Ω
Frequency range	0~6GHz
Voltage rating	500V(rms)
Dielectric withstanding voltage	1000V
Contact resistance	Center contact ≤ 3 mΩ
	Outer contact ≤ 2 mΩ
Insulation resistance	≥ 5000MΩ
Insertion loss	According to the cable
RF-leakage	N/A
VSWR	1.35 MAX

MECHANICAL CHARACTERISTICS	
Force to engage and disengage	N/A
Center contact retention force	6 lbs Min
Recommended Coupling torque	4-6 in-lbs
Coupling nut retention force	60 lbs Min
Durability	≥ 500 cycles

ENVIRONMENTAL CHARACTERISTICS	
Temperature range	-55°C - +125°C
Thermal Shock	MIL-STD-202, Method 107, Cond B
Vibration	MIL-STD-202, Method 204, Cond B
Shock	MIL-STD-202, Method 213, Cond I
Climatic Class	IEC 60068 55/155/56

MATL:	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN mm MACHINED SURFACES FINISH 1.6 RMS MAX. REMOVE ALL BURRS 0.15X45° MAX. BREAK MACHINE CORNERS 0.15X45° MAX. FILLET R. TOLERANCES ON DECIMALS .X ± 0.3 .XX ± 0.2 ANGLES ± 1/2° FRACTIONS ± N/A	DFTM. D. J. H.	TIMES MICROWAVE SYSTEMS TC-600-TM-RA-D 90° "TNC" MALE FOR LMR-600 CABLE (SOLDER/CRIMP)
USED ON: O-1		DATE 12/22/11	
		CHKD. J. D. B.	
		DATE 1/3/12	
SCALE: N/A	DO NOT SCALE DRAWING	APPD. J. D. B.	DATE 1/3/12
DWG. SIZE A	CODE IDENT 68999	DATE 1/3/12	SH 1 of 1 SD3190-2707 REV B