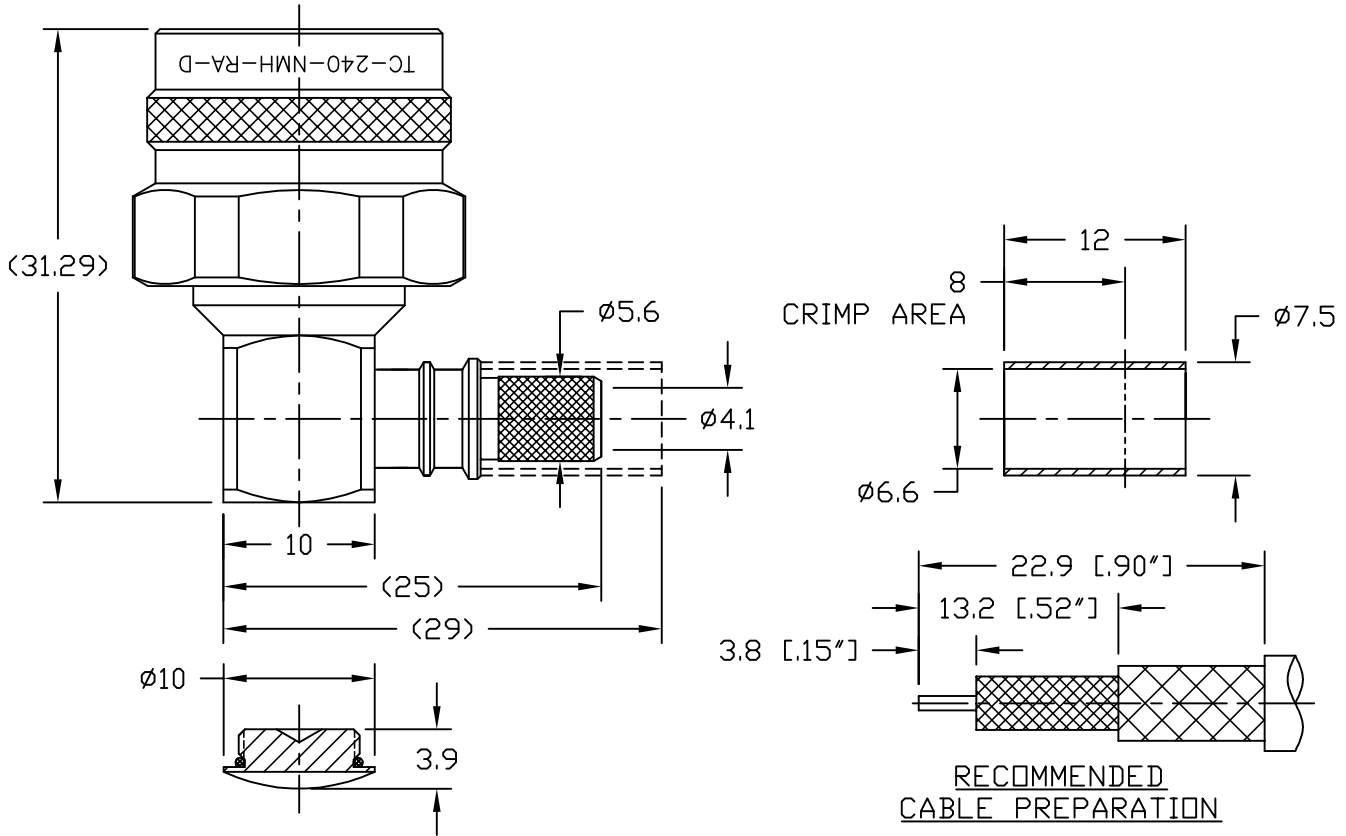


NOTICE OF PROPRIETARY RIGHTS THIS DOCUMENT CONTAINS CONFIDENTIAL TECHNICAL DATA, INCLUDING TRADE SECRETS, PROPRIETARY TO TIMES MICROWAVE SYSTEMS. DISCLOSURE OF THIS DATA IS EXPRESSLY CONDITIONED UPON YOUR ASSENT THAT ITS USE IS LIMITED TO USE WITHIN YOUR COMPANY ONLY. ANY OTHER USE IS STRICTLY PROHIBITED WITHOUT THE PRIOR WRITTEN CONSENT OF TIMES MICROWAVE SYSTEMS.

SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	K.A.M.	5/17/10	J.D.B.	5/24/10
B	CHANGED PER CDC #37005	D.J.H.	1/30/13	J.D.B.	1/31/13



- NOTES:
 1. CONTACT PIN IS SOLDERED.
 2. CRIMP THE FERRULE TO .255" HEX.

ALL PARTS SATISFIED ROHS REQUIREMENTS

MATERIALS AND PLATING		UNIT: MICRO-INCHES
BODY/SHELL	BRASS C3604	ALBALOY 80μ" MIN.
CONTACT PIN	BRASS C3604	GOLD 50μ"/COPPER
INSULATOR	TEFLON MIL-P-19468	N/A
FERRULE	COPPER	ALBALOY 80μ" MIN.
GASKET	SILICONE	RED OR BLACK

MECHANICAL CHARACTERISTICS	
Force to engage and disengage	6 lbs. MAX.
Center contact retention force	6 lbs. MIN.
Coupling torque	30 in-lbs MIN.
Coupling nut retention force	100 lbs MIN.
Durability	≥ 500 cycles

ELECTRICAL CHARACTERISTICS	
Impedance	50 Ω
Voltage rating	750V(rms)
Frequency range	0~6GHz
Dielectric withstanding voltage	1000V
Contact resistance	Center contact ≤ 3mΩ Outer contact ≤ 2mΩ
Insulation resistance	≥ 5000MΩ
Insertion loss	According to the cable
RF-leakage	N/A
VSWR	≤ 1.2 (DC-2GHz) ≤ 1.3 (DC-6GHz)

ENVIRONMENTAL CHARACTERISTICS	
Temperature range	-55°C - +155°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 65/165/21

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 ± 0.2 .XX ± 0.1 ANGLES ± 3° FRACTIONS ± N/A	DFTM. K. A. M.	TIMES MICROWAVE SYSTEMS
		DATE 5/17/10	
USED ON: O-1		CHKD. J. D. B.	TC-240-NMH-RA-D 90° "N" MALE FOR LMR-240 CABLE SOLDER/CRIMP
		DATE 5/24/10	
SCALE: N/A	DWG. SIZE A	APPD. J. D. B.	SHEET 1 of 1 SD3190-2426 REV B
		DATE 5/24/10	
DO NOT SCALE DRAWING		CODE IDENT 68999	