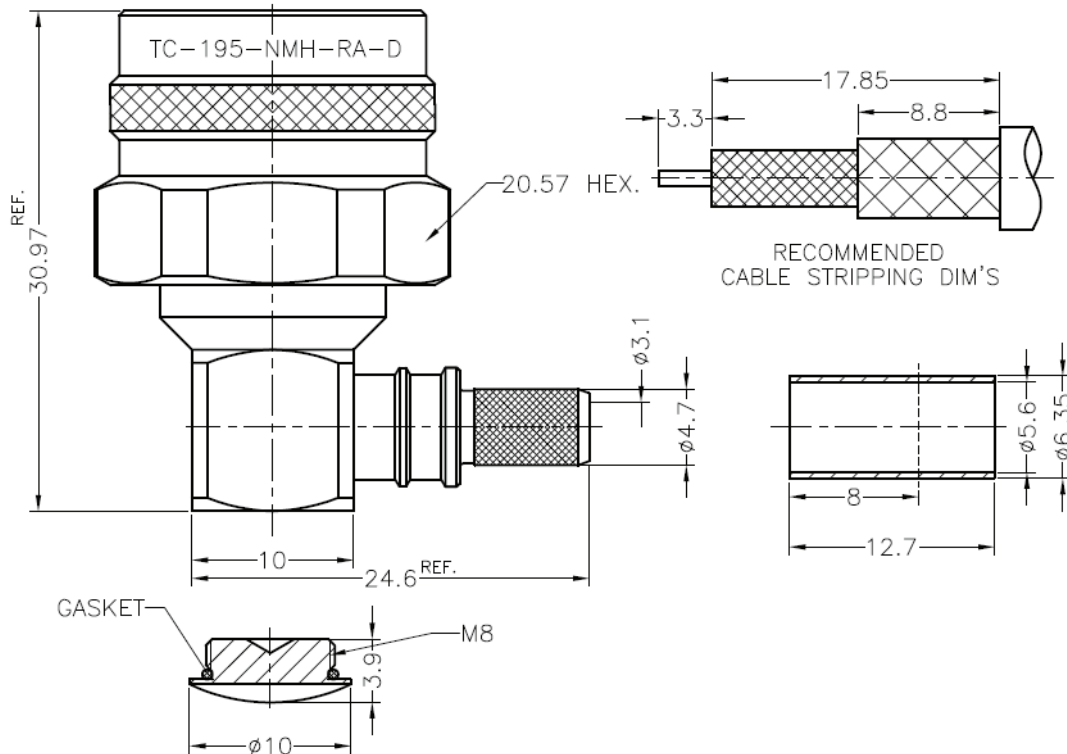


NOTICE OF PROPRIETARY RIGHTS THIS DOCUMENT CONTAINS CONFIDENTIAL TECHNICAL DATA, INCLUDING TRADE SECRETS, PROPRIETARY TO TIMES MICROWAVE SYSTEMS. DISCLOSURE OF THIS DATA IS EXPRESSLY CONDITIONED UPON YOUR ASSENT THAT ITS USE IS LIMITED TO USE WITHIN YOUR COMPANY ONLY. ANY OTHER USE IS STRICTLY PROHIBITED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

SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	D. J. H.	1/13/09	J. D. B.	1/13/09



ALL PARTS SATISFIED ROHS REQUIREMENTS

NOTE:

1. CRIMP THE FERRULE TO .217" HEX.

材料与电镀(MATERIALS AND PLATING)		UNIT: MICRO-INCHES
壳体,主体 BODY, SHELL	黄铜 (BRASS C3604) BRASS C3604	镀三元合金80μ " " ALBALOY PLATING THICK 80 MIN.
中心针 CONTACT PIN	黄铜 (BRASS C3604) BRASS C3604	铜底, 镀金50μ " " GOLD PL. 50/COPPER
绝缘体: INSULATOR	聚四氟乙烯 TEFLON MIL-P-19468	
铜管: FERRULE	紫铜 COPPER	镀三元合金80μ " " ALBALOY PLATING THICK 80 MIN.
密封圈: GASKET	硅橡胶 SILICONE	RED OR BLACK

机械特性 (MECHANICAL CHARACTERISTICS)	
插入力 (Force to engage and disengage)	6 lbs MAX.
中心针保持力 (Center contact retention force)	6 lbs MIN.
螺母扭力 (Coupling torque)	30 in-lbs MIN.
螺母拉力 (Coupling nut retention force)	100 lbs MIN.
机械耐久性 (Durability)	≥ 500 cycles

电气性能 (ELECTRICAL CHARACTERISTICS)	
特性阻抗 (Impedance)	50 Ω
工作电压 (Voltage rating)	750V(rms)
频率范围 (Frequency range)	0~6GHz
介电耐压 (Dielectric withstanding voltage)	1000V
接触电阻 (Contact resistance)	内导体 (Center contact): ≤3mΩ 外导体 (Outer contact): ≤2mΩ
绝缘电阻 (Insulation resistance)	≥5000MΩ
插入损耗 (Insertion loss)	根据电缆特性 (According as the cable)
射频泄漏 (RF-leakage)	N/A
电压驻波比 (VSWR)	≤1.2 (DC-2GHz) ≤1.3 (DC-6GHz)
三阶互调 (3rd Intermodulation)	---

环境参数 (ENVIRONMENTAL CHARACTERISTICS)	
工作温度 (Temperature range)	-55? - +155?
Thermal shock	US MIL-STD 202, Meth. 107, Cond. B
Vibration	US MIL-STD 202, Meth. 204, Cond. B
Shock	US MIL-STD 202, Meth. 213, Cond. I
Climatic class	IEC 60068 65/165/21

MATL:	UNLESS OTHERWISE SPECIFIED		DFTM. D. J. H.	TIMES MICROWAVE SYSTEMS	
	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		DATE 1/13/09		
USED ON: 0-1			CHKD. J. D. B.	TC-195-NMH-RA-D 90° "N" MALE FOR LMR-195 CABLE	
			DATE 1/13/09		
			APPD. J. D. B.		
SCALE: N/A	DWG. SIZE A	DO NOT SCALE DRAWING	CODE IDENT 68999	DATE 1/13/09	1 of 1 SD3190-2425 REV A