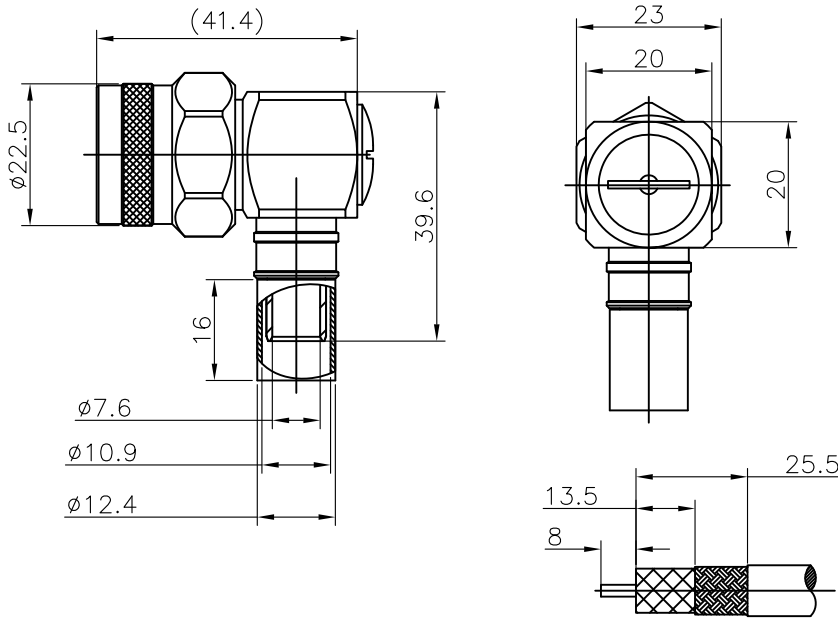


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	K.A.M.	4/8/10	J.D.B.	5/9/10



Recommended cable stripping Dim's

(MATERIALS AND PLATING)		
BODY/NUT	Brass	Copper-tin-zin(Albaloy)100-150 micro inches
CONTACT PIN	Brass	50u"of gold over 50u"of electroless nickel over copper flash
INSULATOR	TEFLON MIL-P-19468	
FERRULE	COPPER	Copper-tin-zin(Albaloy)100-150 micro inches
GASKET	SILICONE	RED OR BLACK

ELECTRICAL CHARACTERISTICS	
Impedance	50 Ω
Voltage rating	V(rms)
Frequency range	0~3GHz
Dielectric withstanding voltage)	2500V
Contact resistance	Center contact: $\leq 0.8m\Omega$ Outer contact $\leq 0.4m\Omega$
Insulation resistance	$\geq 5000M\Omega$
Insertion loss	According as the cable
RF- leakage	N/A
VSWR	$\leq 1.16(0.3-3GHz)$
3rd Intermodulation	---

(MECHANICAL CHARACTERISTICS)	
Force to engage and disengage	2 N MAX.
Coupling torque	N/A
Coupling nut retention force	400 N MAX.
Durability	≥ 500 cycles
Cable retention force	500 N MAX.

ENVIRONMENTAL CHARACTERISTICS	
Temperature range	-55°C - +155°C
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. K. A. M.	TIMES MICROWAVE SYSTEMS				
	ALL DIMENSIONS ARE IN mm	DATE 4/8/10					
USED ON: A	$\times \pm 0.2$ $\times \times \pm 0.1$ $\sqrt{1.6}$	CHKD. J. D. B.	TC-400-HNM-RA-D CONNECTOR, 90° "HN" MALE FOR LMR-400/TCOM-400 CABLE				
		DATE 5/9/10					
		APPD. J. D. B.					
SCALE: ~	DWG. SIZE A	DO NOT SCALE DRAWING	CODE IDENT 68999	DATE 5/9/10	SHT 1 of 1	SD3190-2541	REV A