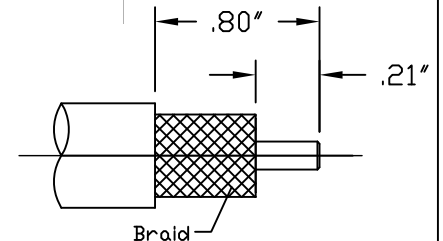
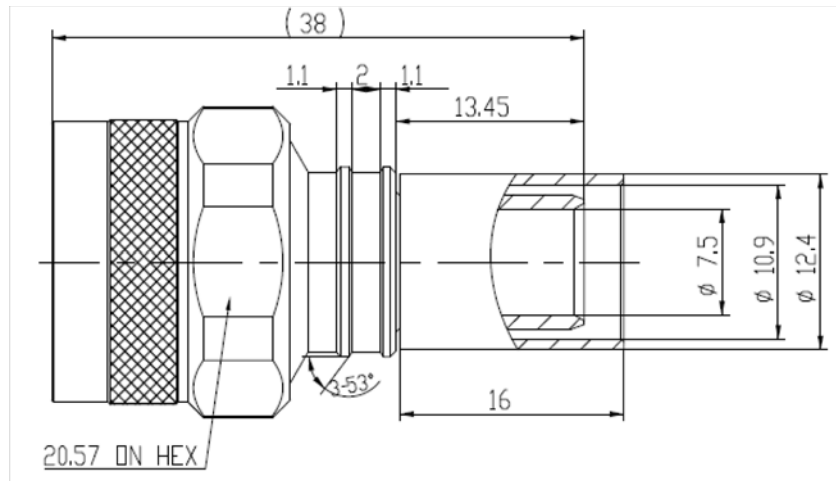


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	N. N. N	11/19/13	J. D. B.	12/3/13



Reference standard IEC60169-16
 I. Electric Performance
 Impedance(Ω): 50
 Frequency Range: DC-6GHz
 VSWR: ≤ 1.3
 Insert Loss: (dB) $\leq 0.1(3G)$
 Insulation resistance (M Ω) > 5000
 Proof voltage (V) 1500
 Conductor resistance (m Ω) outer conductor < 0.4
 Inner conductor < 0.8

II. Mechanical Performance
 Nut torque 5Nm
 (Nut)Whorl pull 500N
 Tensile force(cable-connector) 400N
 Torsion(cable-connector) 2Nm

III. Material and plating:
 Component Material Plating
 Inner conductor Beryllium Bronze Au50 micro Inches over nickel 100 over copper
 Outer conductor Brass Copper-tin-zinc 100-150 micro Inches
 Tube: copper Copper-tin-zinc 100-150 micro Inches
 Nut: Brass Copper-tin-zinc 100-150 micro Inches
 Gasket: Silicone rubber
 Insulator: PTFE

IV. Environment
 Temprange -40°C~+85°C
 Weather standard IEC 60068 40 / 085/ 21
 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
 Waterproofing standard IP67

V. Assembly: inner conductor soldered and outer conductor crimped

MATL:		UNLESS OTHERWISE SPECIFIED		DFTM.	TIMES MICROWAVE SYSTEMS								
		ALL DIMENSIONS ARE IN mm		N. N. N									
USED ON: O-O				DATE	11/19/13	TC-400-NMH-PL-X CONNECTOR, NM FOR LMR400-LLPL							
				CHKD.	J. D. B.								
				DATE	12/3/13								
				APPD.	J. D. B.								
SCALE:	~	DWG. SIZE	A	DO NOT SCALE DRAWING	CODE IDENT	68999	DATE	12/3/13	SHEET	1 of 1	SD3190-2962	REV	A