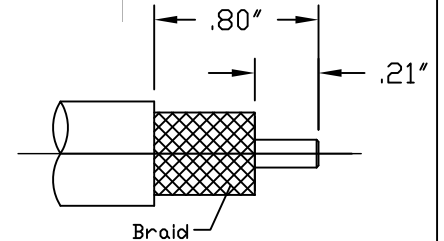
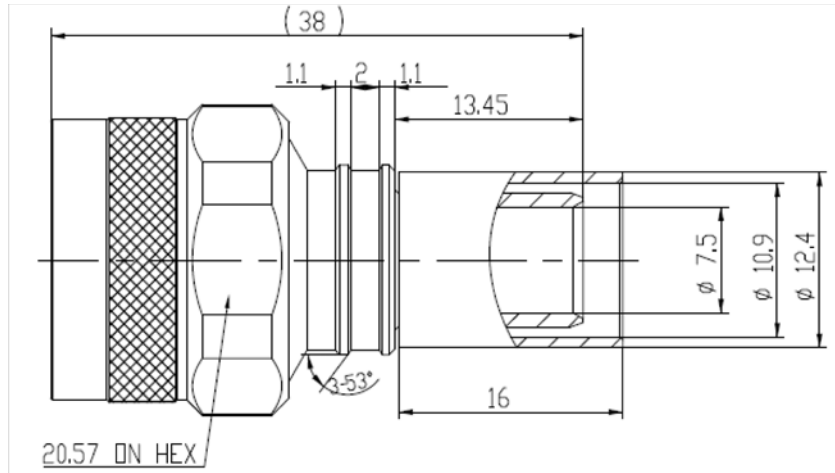


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	N. N. N	11/19/13	J. D. B.	12/3/13



Reference standard IEC60169-16  
 I. Electric Performance  
 Impedance(Ω): 50  
 Frequency Range: DC-6GHz  
 VSWR: ≤1.3  
 Insert Loss: (dB) ≤ 0.1(3G)  
 Insulation resistance (MΩ) >5000  
 Proof voltage (V) 1500  
 Conductor resistance (mΩ) 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  
 Nut: Brass Copper-tin-zinc 100-150 micro inches  
 Gasket: Silicone rubber  
 Insulator: PTFE

IV. Environment  
 Temperature -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

MATERIAL:	UNLESS OTHERWISE SPECIFIED		DFTM. N. N. N	TIMES MICROWAVE SYSTEMS			
	ALL DIMENSIONS ARE IN mm		DATE 11/19/13				
USED ON: 0-0			CHKD. J. D. B.	<b>TC-400-NMH-PL-X</b> CONNECTOR, NM FOR LMR400-LLPL			
			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