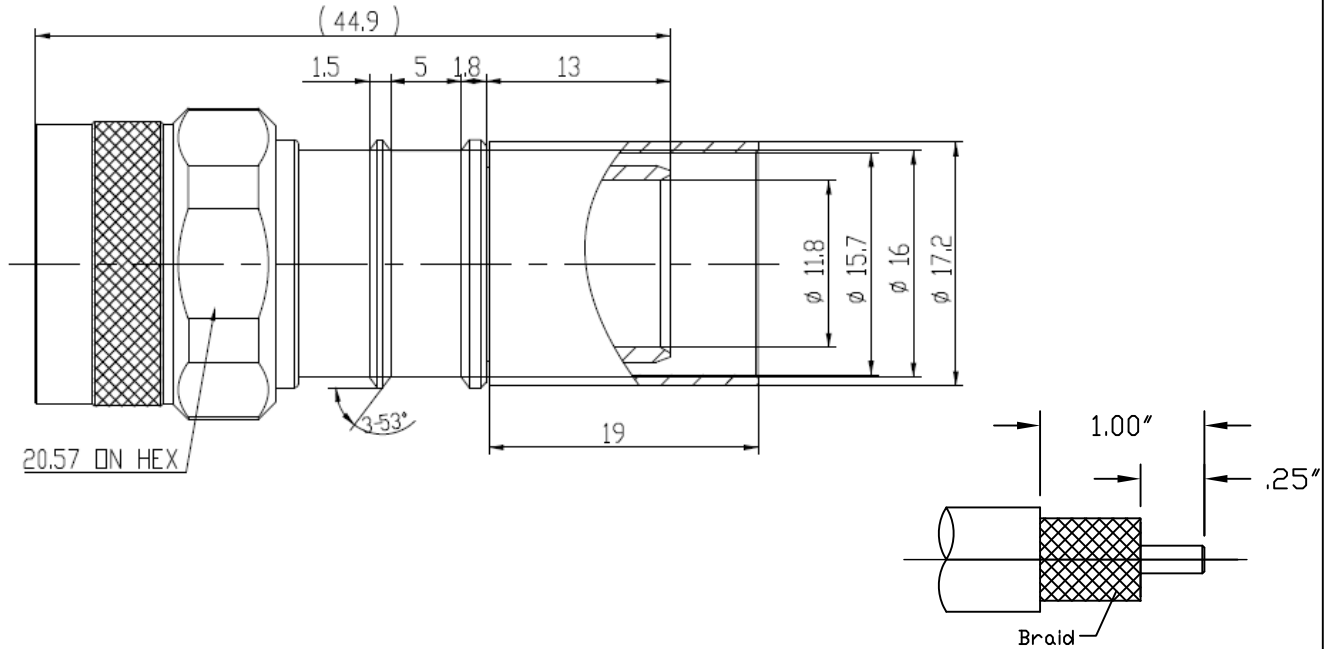


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	N. N. N	11/19/13	J. D. B.	12/3/13



Reference standard IEC60169-16

I. Electric Performance

Nominal Impedance(Ω): 50
 Frequency Range: DC-6GHz
 VSWR: ≤1.3
 Insert Loss: ≤ 0.1(3GHz)
 Insulation resistance (MΩ) 25000
 Proof voltage (V) 2500
 Conductor resistance (mΩ) outer conductor <0.4
 inner conductor <0.8

II. Mechanical Performance

Nut torque 5Nm
 (Nut)Whirl pull 500N
 Tensile force(cable-connector) 500N
 Torsion(cable-connector) 3Nm

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

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

VI. ROHS Compliant.

MATERIAL:	UNLESS OTHERWISE SPECIFIED		DFTM. N. N. N	TIMES MICROWAVE SYSTEMS
	ALL DIMENSIONS ARE IN mm		DATE 11/19/13	
USED ON:	O-0		CHKD. J. D. B.	TC-600-NMH-PL-X CONNECTOR, NM FOR LMR600-LLPL
			DATE 12/3/13	
SCALE: ~	DWG. SIZE A	DO NOT SCALE DRAWING	APPD. J. D. B.	SHEET 1 of 1
		CODE IDENT 68999	DATE 12/3/13	