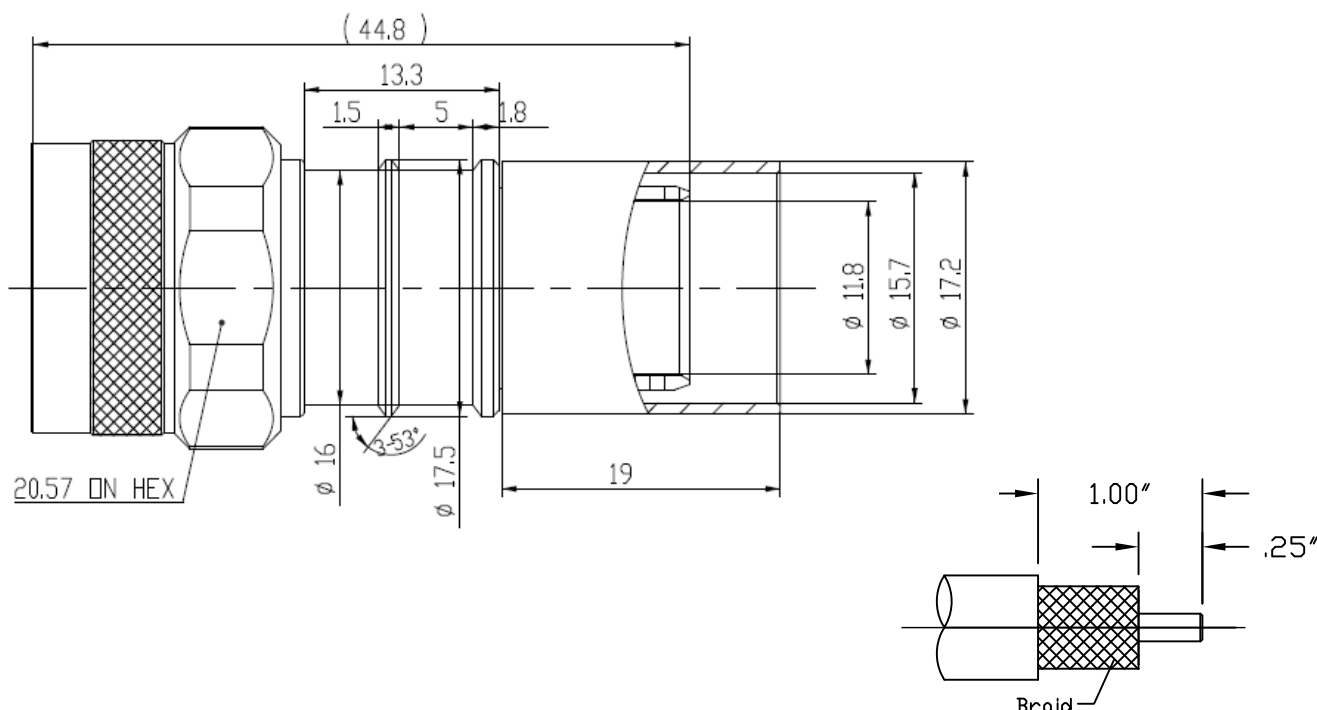


NOTICE OF PROPRIETARY RIGHTS THIS DOCUMENT CONTAINS CONFIDENTIAL TECHNICAL DATA, INCLUDING TRADE SECRETS, PROPRIETARY TO TIMES MICROWAVE SYSTEMS. DISCLOSURE OF THIS DATA IS EXPRESSLY CONDITIONED UPON YOUR ASSENT THAT ITS USE IS LIMITED TO USE WITHIN YOUR COMPANY ONLY. ANY OTHER USE IS STRICTLY PROHIBITED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

SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	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 (DC-3GHz)
Insulation resistance (M Ω): ≥ 5000
Proof voltage (V): 2500
Conductor resistance (m Ω): outer conductor < 0.4
inner conductor < 0.8

II. Mechanical Performance

Nut torque 5N.m
(Nut)Whorl pull 500N
Tensile force(cable-connect) 500N
Torsion(cable-connect) 3N.m

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
Weather standard
Thermal shock
Vibration
Shock
Waterproofing standard

-40 $^{\circ}$ C~+85 $^{\circ}$ C
IEC 60068 40 / 085/ 21
US MIL-STD 202,Meth.107,Cond.B
US MIL-STD 202,Meth.204,Cond.B
US MIL-STD 202,Meth.213,Cond.I
IP67

V. Assembly: inner conductor installed and outer conductor crimped

VI. ROHS Compliant.

MATL:	UNLESS OTHERWISE SPECIFIED		DFTM. N. N. N	TIMES MICROWAVE SYSTEMS	
	ALL DIMENSIONS ARE IN mm		DATE 11/19/13		
USED ON:			CHKD. J. D. B.	EZ-600-NMH-PL-X CONNECTOR, NM FOR LMR600-LLPL	
			DATE 12/3/13		
O-O			APPD. J. D. B.		
SCALE: ~	DWG. SIZE A	DO NOT SCALE DRAWING	CODE IDENT 68999	DATE 12/3/13	SH 1 of 1 SD3190-2963 REV A