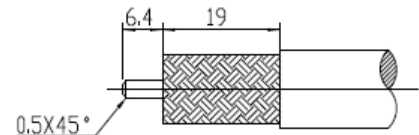
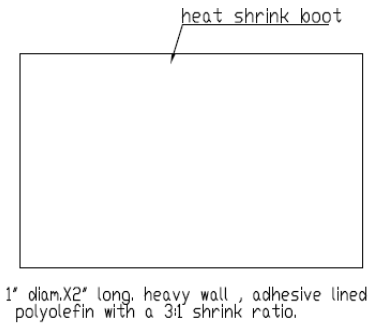
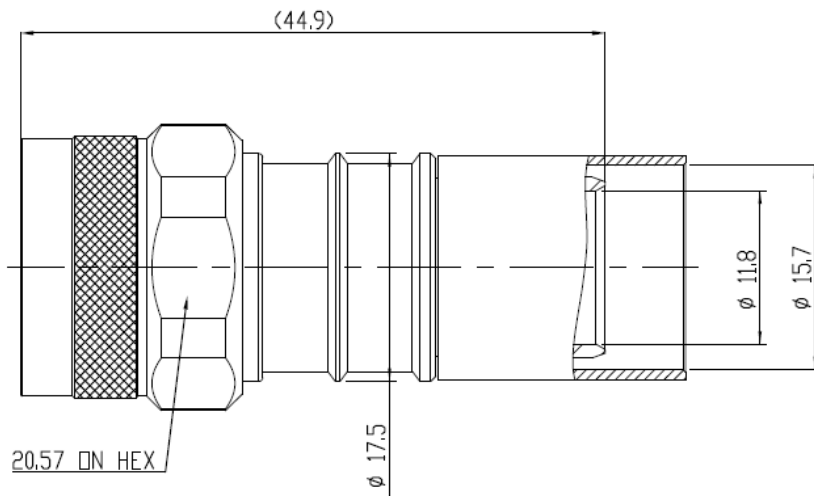


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	D. J. H.	8/9/11	J. D. B.	8/16/11
B	CHANGED PER CDC #36735	N. N. N	4/8/13	J. D. B	4/10/13
C	CHANGED PER CDC #40601	N. N. N	8/26/14	J. D. B	9/10/14



Reference standard IEC60169-16

I. Electric Performance

Nominal Impedance(Ω): 50
Frequency Range: DC-6GHz
VSWR: ≤ 1.25
Insert Loss: ≤ 0.1 (DC-3GHz)
Insulation resistance (M Ω): 25000
Proof voltage (V): 2500
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-connect): 500N
Torsion(cable-connect): 3Nm

III. Material and plating:

Component Material
Inner conductor Beryllium Bronze
Outer conductor Brass
Tube: copper
Nut: Brass
Gasket: Silicone rubber
Insulator: PTFE

IV. Environment

Temprange: -55 $^{\circ}$ C~+155 $^{\circ}$ C
Weather standard: IEC 60068 55 / 155/ 56
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 installed and outer conductor crimped

VI. ROHS Compliant.

Plating
Au50 micro inches over nickel 100 over copper
Copper-tin-zin 100-150 micro inches
Copper-tin-zin 100-150 micro inches
Copper-tin-zin 100-150 micro inches

MATL:	UNLESS OTHERWISE SPECIFIED	DFTM. D. J. H.	TIMES MICROWAVE SYSTEMS		
		DATE 8/9/11			
USED ON: 1-1	ALL DIMENSIONS ARE IN mm MACHINED SURFACES FINISH N/A RMS MAX. REMOVE ALL BURRS N/A MAX. BREAK MACHINE CORNERS N/A MAX. FILLET R. TOLERANCES ON DECIMALS .XX \pm N/A .XXX \pm N/A ANGLES \pm 1 $^{\circ}$ FRACTIONS \pm N/A	CHKD. J. D. B.	EZ-600-NMH-X "N" MALE FOR LMR-600 CABLE EZ/CRIMP/NO BRAID TRIM		
		DATE 8/16/11			
		APPD. J. D. B.			
SCALE: N/A	DWG. SIZE A	DO NOT SCALE DRAWING	CODE IDENT 68999	DATE 8/16/11	SHEET 1 of 1 SD3190-2627 REV C

Mouser Electronics

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[EZ-600-NMH-X](#)