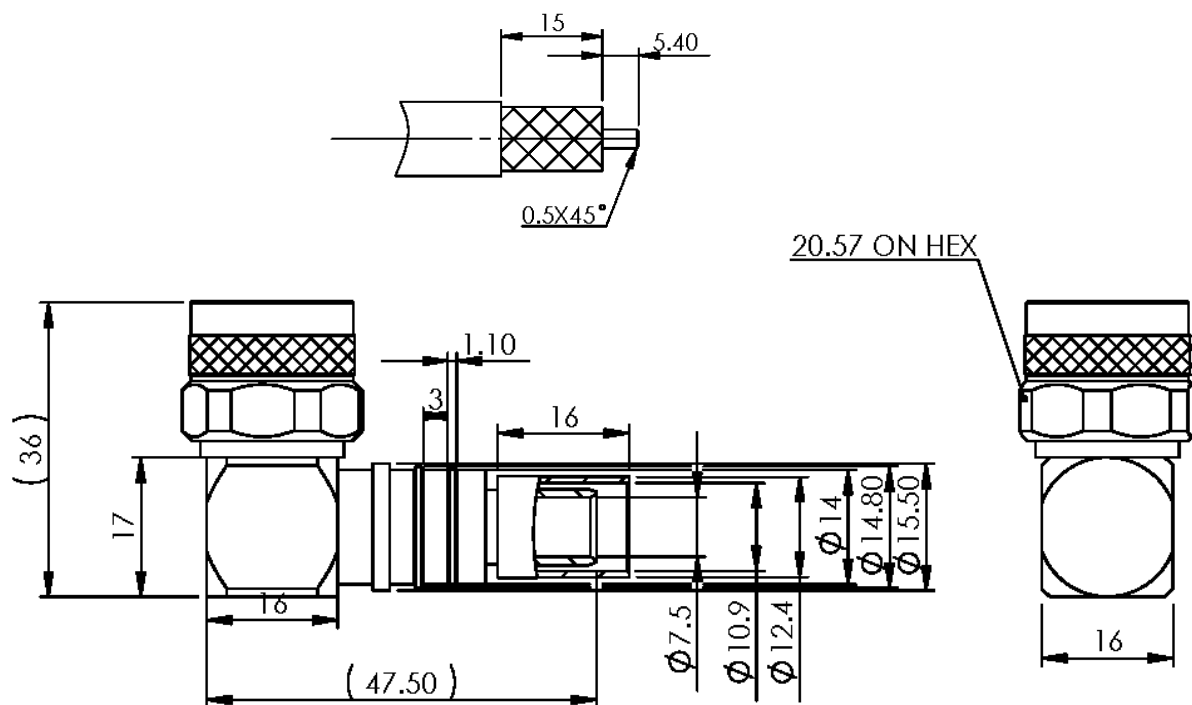


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	K.A.M.	5/19/11	J.D.B.	6/9/11



Reference standard IEC60169-16I, Electric Performance

Nominal Impedance(Ω): 50
Frequency Range: DC-6GHz
VSWR: ≤ 1.35
Insert Loss: ≤ 0.10 (0-3G)
Insulation resistance ($M\Omega$): >5000
Proof voltage (V): 2500
Conductor resistance ($m\Omega$):
outer conductor <0.4
inner conductor <0.8

II、Mechanical Performance

Whorl pull 500N
Nut torque 5N.m
Tensile force(cable-connect) 300N
Torsion(cable-connect) 3N.m

III、Material and plating :

Component	Material	Plating
inner conductor	Beryllium copper	Au $>1.27\mu m$
outer conductor	Brass	Copper-tin-zinc $>2\mu m$
insulator	PTFE	
nut	Brass	Copper-tin-zinc $>2\mu m$

IV、Environment

Temp.range -55°C~+155°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
ROHS compliant

V、Assemble: inner conductor installed and outer conductor crimped

MATL:	UNLESS OTHERWISE SPECIFIED		DFTM: K, A, M,	TIMES MICROWAVE SYSTEMS
	ALL DIMENSIONS ARE IN mm		DATE 5/19/11	
USED ON:			CHKD: J, D, B,	CONNECTOR, 90° NM FOR LMR-400 (EZ-400-NMH-RA-X)
			DATE 6/9/11	
SCALE: ~	DO NOT SCALE DRAWING		APPD: J, D, B,	1 of 1 SD3190-2638
			DATE 6/9/11	
DWG. SIZE A	CODE IDENT 68999			REV A