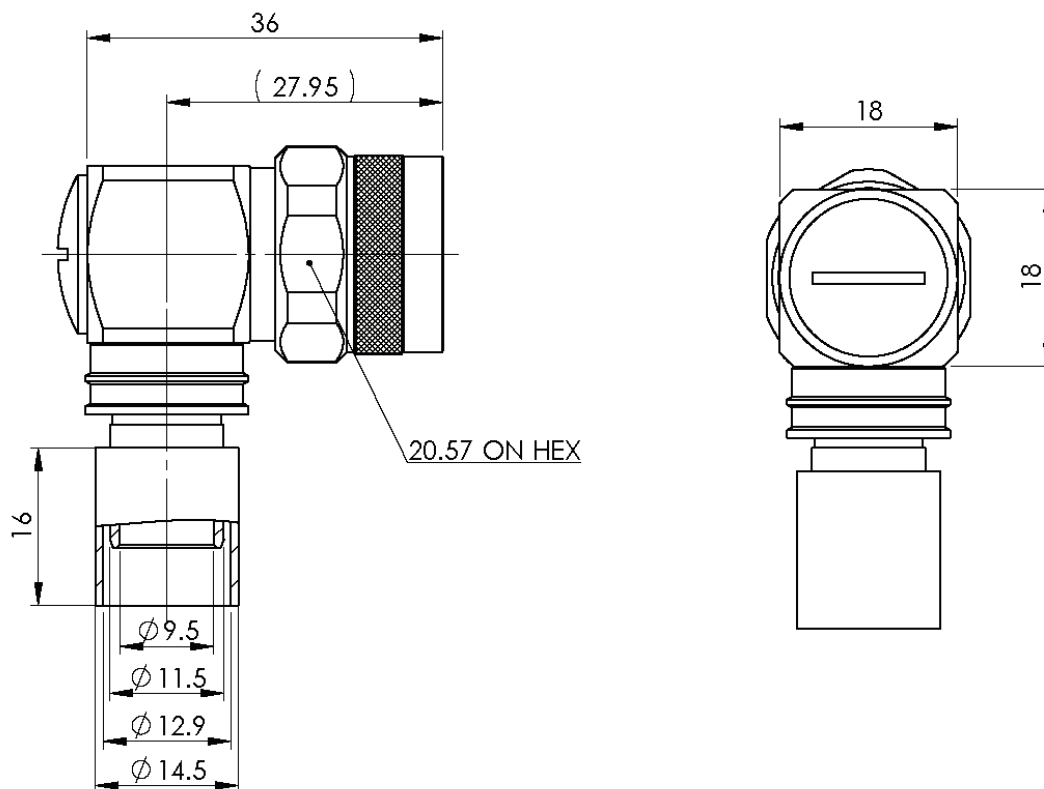


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	K.A.M.	1/21/10	J.D.B.	3/5/10



Reference standard IEC60169-16

I. Electric Performance

Impedance(Ω): 50

Frequency Range: DC-6GHz

VSWR: ≤ 1.15 (DC-3GHz)
 ≤ 1.3 (DC-6GHz)

Insert Loss: (dB) ≤ 0.05

Insulation resistance ($M\Omega$) > 5000

Proof voltage (V) 2500

Conductor resistance ($m\Omega$) outer conductor < 0.4
inner conductor < 0.8

II. Mechanical Performance

Retention $> 0.56N$

Mechanical wear(hypo-) 500

Nut torque 5N.m

Tensile force(cable-connect) 400N

Torsion(cable-connect) 2N.m

III. Material and plating :

inner conductor: Spring copper

outer conductor : Brass

nut Brass

insulator: PTFE

o-ring : Silicon rubber

plating Cu2Ag5um

plating Cu2S $\bar{Y}$ 2um

plating Cu1Ni5um

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

Waterproofing standard IP67

ROHS compliant

MATL:	UNLESS OTHERWISE SPECIFIED		DFTM: K. A. M.	TIMES MICROWAVE SYSTEMS	
	ALL DIMENSIONS ARE IN mm		DATE 1/21/10		
USED ON:	TOLERANCES ON DECIMALS		CHKD: J. D. B.	90° N MALE FOR LMR-500	
	. X ± 0.2 . XX ± 0.1		DATE 3/5/10		
SCALE: ~	ANGLES ± 3		APPD: J. D. B.	1 of 1 SD3190-2513	
	SURFACE FINISH: 1.6 μ		DATE 3/5/10		
DWG. SIZE A	DO NOT SCALE DRAWING	CODE IDENT 68999	DATE 3/5/10	SH T	REV A