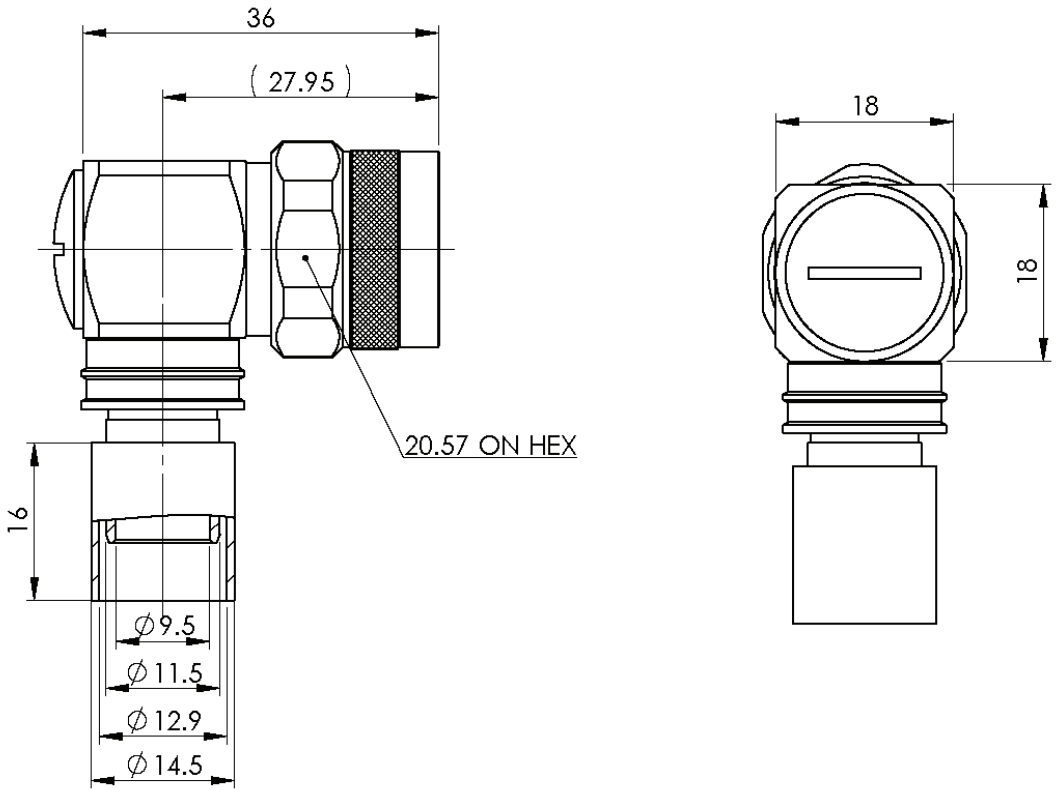
SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	K.A.M.	1/21/10	J.D.B.	3/5/10



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（MΩ）	>5000
Proof voltage（V）	2500
Conductor resistance（mΩ）	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	plating Cu2Ag5um
outer conductor :	Brass	plating Cu2SY2um
nut	Brass	plating Cu1Ni5um
insulator:	PTFE	
o-ring :	Silicon rubber	

Ⅳ、Environment	
Temp.range	-55℃~+155℃
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
Weaterproofing 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 .X ± 0.2 .XX ± 0.1 ANGLES ± 3	CHKD. J. D. B.	90° N MALE FOR LMR-500		
		DATE 3/5/10			
	SURFACE FINSH: 1.6μ	APPD. J. D. B.			
SCALE: ~	DWG. SIZE A	DO NOT SCALE DRAWING	CODE IDENT 68999	DATE 3/5/10	SHT 1 of 1	SD3190-2513	REV. A