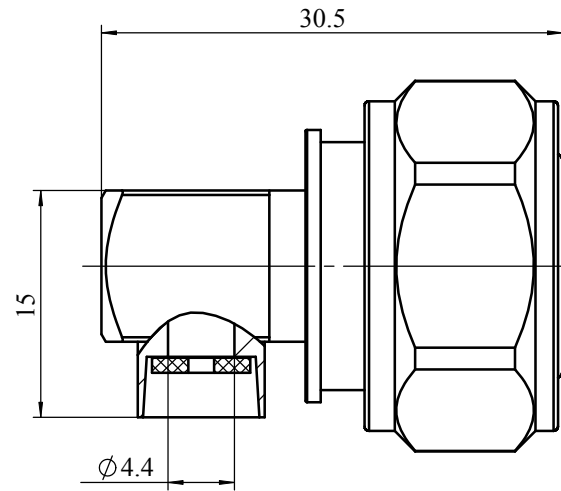
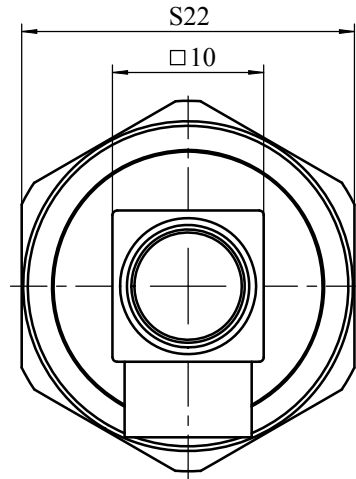


REVISIONS

REV	DESCRIPTION	DATE
0	FIRST RELEASE	2016-5-19



REFERENCE STANDARD

IEC60169-54

1. ELECTRIC PERFORMANCE

NOMINAL IMPEDANCE(Ω)	50
FREQUENCY RANGE	DC-3GHz
VSWR	≤ 1.10
PIM(dBc)	$\leq -160(2*43dBm)$
INSERT LOSS	≤ 0.05
INSULATION RESISTANCE(M Ω)	≥ 5000
PROOF VOLTAGE(V)	1500
CONTACT RESISTANCE(m Ω)	OUTER CONDUCTOR <0.1 INNER CONDUCTOR <1.0

2. MECHANICAL PERFORMANCE

NUT TORQUE	5N.m
(NUT)WHORL PULL	500N
TENSILE FORCE(CABLE-CONNECTOR)	250N
TORSION(CABLE-CONNECTOR)	1.5N.m


3. MATERIAL AND PLATING

INNER CONDUCTOR	BRASS	Ag5 μ m
OUTER CONDUCTOR	BRASS	COPPER-TIN-ZINC2 μ m
NUT	BRASS	Ni5 μ m
INSULATOR	PTFE	
O-RING	SILICONE RUBBER	

4. ENVIRONMENT

TEMP.RANGE	-40 $^{\circ}$ C~+85 $^{\circ}$ C
WEATHER STANDARD	IEC 60068 40 / 085/ 21
THERMAL SHOCK	IEC 60068 -2-14-Na
VIBRATION	IEC 60068-2-6-Fc
SHOCK	IEC 60068-2-27
WATERPROOFING STANDARD	IP67
ROHS COMPLIANT	

5.ASSEMBLY: INNER AND OUTER CONDUCTOR SOLDERED

DRAWN	TITLE			 AMPHENOL FUYANG CO.,LTD CHANGZHOU, CHINA		
CHECKED	4.3/10SMA-1/4"H					
APPROVED	SHEET	SCALE	METRIC	PART NO.	VER	REV
	1/1	1.5/1	mm	AFDF69-1	1	0