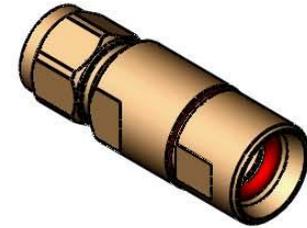
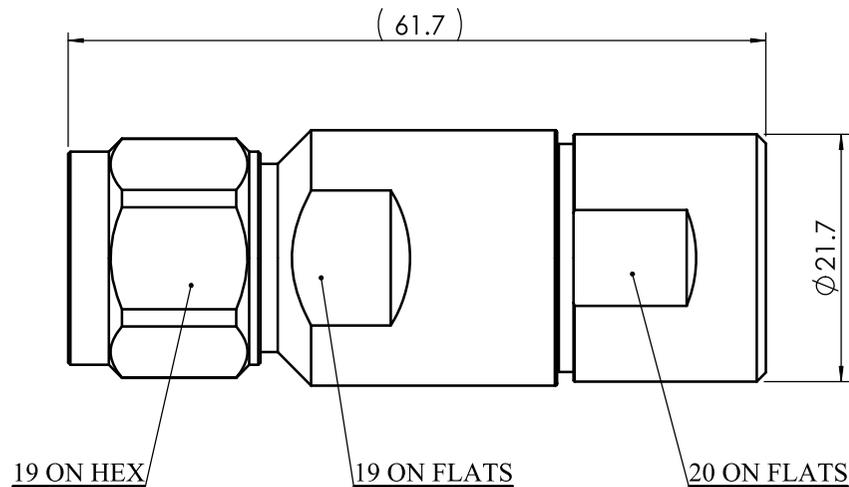


REVISIONS

REV	DESCRIPTION	DATE
0	FIRST RELEASE	2023.3.31



REFERENCE STANDARD

IEC61169-16

1. ELECTRIC PERFORMANCE

NOMINAL IMPEDANCE(Ω)
FREQUENCY RANGE
VSWR

50
DC-6GHz
 ≤ 1.1 (DC-3GHz)
 ≤ 1.15 (3-4.2GHz)
 ≤ 1.2 (4.2-6GHz)
 ≤ -160 (2*43dBm)
 $\leq 0.05*\sqrt{f}$ (6GHz)

PIM(dBc)
INSERT LOSS (dB)
INSULATION RESISTANCE(M Ω)
PROOF VOLTAGE(V)
CONTACT RESISTANCE(m Ω)

≥ 5000
2500
OUTER CONDUCTOR <0.4
INNER CONDUCTOR <0.8

2. MECHANICAL PERFORMANCE

NUT TORQUE
TENSILE FORCE(CABLE-CONNECT)
TORSION(CABLE-CONNECT)

5N.m
500N
3.5N.m

3. MATERIAL AND PLATING

INNER CONDUCTOR
OUTER CONDUCTOR
CLAMP
NUT
INSULATOR
O-RING

SPRING COPPER Ag3 μ m
BRASS Copper tin-zinc3 μ m
BRASS Ni3 μ m
BRASS Ni3 μ m
PTFE
SILICON RUBBER

4. ENVIRONMENT

TEMP.RANGE
WEATHER STANDARD
THERMAL SHOCK
VIBRATION
SHOCK
WATERPROOFING STANDARD
ROHS COMPLIANT

-40 $^{\circ}$ C~+85 $^{\circ}$ C
IEC 60068 40 / 085/ 21
IEC 60068 -2-14-Na
IEC 60068-2-6-Fc
IEC 60068-2-27
IP68

5. ASSEMBLY: INNER AND OUTER CONDUCTOR INSTALLED

DRAWN	YUYING		TITLE (011)		 AMPHENOL FUYANG CO.,LTD CHANGZHOU, CHINA	
CHECKED	WANGYING		NM-1/2"L			
APPROVED	XUYIMING		SHEET	SCALE	METRIC	PART NO.
			1/1	1.5/1	mm	AFA7-11
						DRAWING NO. AFS-A7-11
						VER 0 REV 0