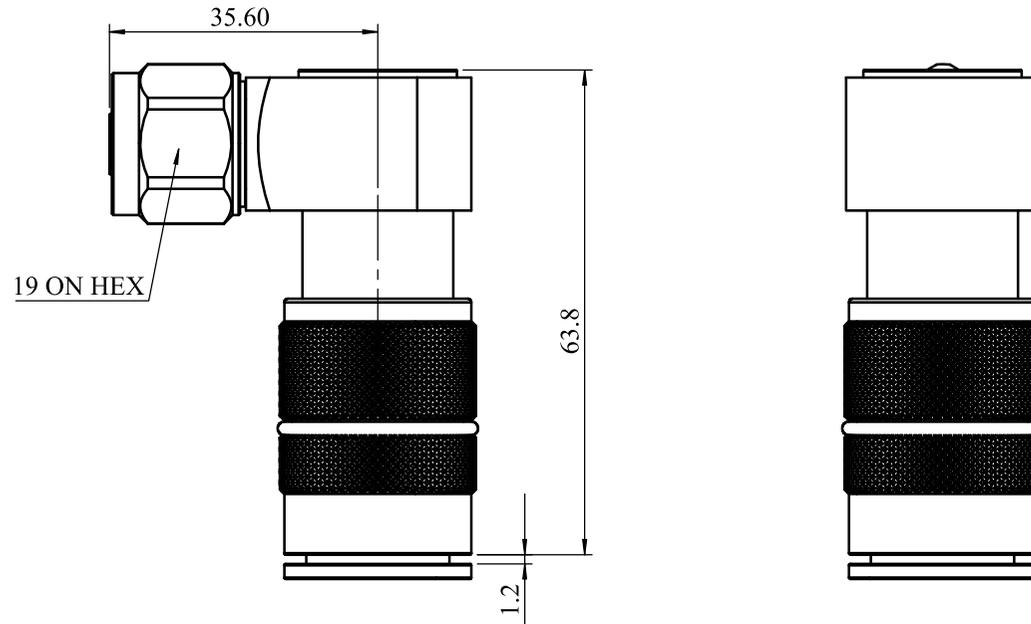


REVISIONS

VER	REV	DESCRIPTION	DATE
2	0	FIG CHANGE	2025.2.19



REFERENCE STANDARD	IEC61169-16
1. ELECTRIC PERFORMANCE	
NOMINAL IMPEDANCE(Ω)	50
FREQUENCY RANGE	DC-6GHz
VSWR	≤ 1.15 (DC-3G)
	≤ 1.35 (DC-3G)
PIM(dBc)	≤ -160 (2*43dBm)
INSERT LOSS(dB)	≤ 0.1 vF(GHz)
INSULATION RESISTANCE(M Ω)	≥ 5000
PROOF VOLTAGE(V _{rms})	1000
CONTACT RESISTANCE(m Ω)	OUTER CONDUCTOR <0.4
	INNER CONDUCTOR <0.8
2. MECHANICAL PERFORMANCE	
TENSILE STRENGTH	350N
TORSION(CABLE-CONNECT)	2.8N.m

3. MATERIAL AND PLATING		
INNER CONDUCTOR	SPRING COPPER/BRASS	Ag3 μ m
OUTER CONDUCTOR	BRASS	Copper-tin-zinc3 μ m
NUT	BRASS	Ni3 μ m
INSULATOR	PTFE	
4. ENVIRONMENT		
TEMP.RANGE	-40°C~+85°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	
WATERPROOF STANDARD	IP67	
ROHS COMPLIANT		

DRAWN yuying 2025.02.20 09:57:49 +08'00'		TITLE NMA-1/2"H		 AMPHENOL FUYANG CO.,LTD CHANGZHOU, CHINA		
CHECKED WangYing 2025.02.20 09:39:52 +08'00'		DRAWING NO. AFS-A301-1				VER 2
APPROVED ChenHuaJing 2025.02.21 09:56:56 +08'00'		SHEET 1/1	SCALE 1.5/1	METRIC mm	PART NO. AFA301-1	