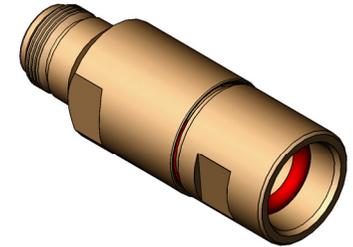
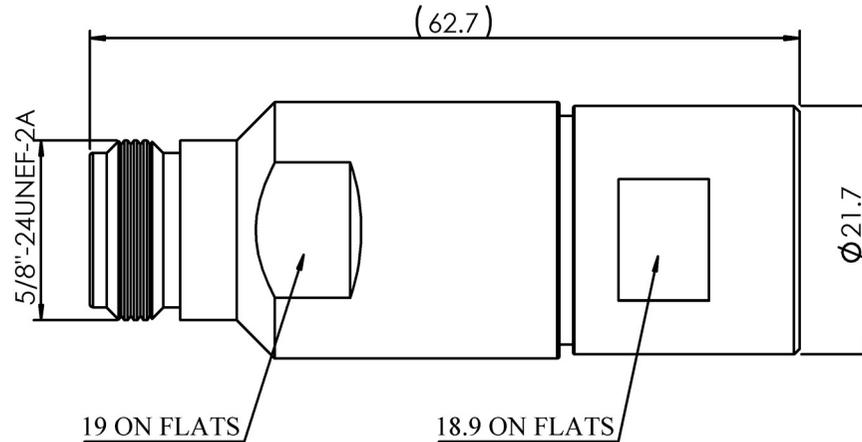


REVISIONS		
VER	REV	DESCRIPTION
		DATE
0	0	FIRST RELEASE
		2024.7.25



REFERENCE STANDARD	IEC61169-16
1. ELECTRIC PERFORMANCE	
NOMINAL IMPEDANCE(Ω)	50
FREQUENCY RANGE	DC-6GHz
VSWR	≤ 1.1 (DC-3GHz) ≤ 1.15 (3-4.2GHz) ≤ 1.2 (4.2-6GHz)
PIM(dBc)	≤ -160 (2*43dBm)
INSERT LOSS (dB)	$\leq 0.05*\sqrt{F}$ (GHz)
INSULATION RESISTANCE(M Ω)	≥ 5000
PROOF VOLTAGE(Vrms)	2500
CONTACT RESISTANCE(m Ω)	OUTER CONDUCTOR <0.4 INNER CONDUCTOR<0.8
2. MECHANICAL PERFORMANCE	
MATING CYCLES	500
RETENTION	≥ 0.56 N
TENSILE STRENGTH	500N
TORSION(CABLE-CONNECT)	3.5N.m

3. MATERIAL AND PLATING	
INNER CONDUCTOR	SPRING COPPER Ag3 μ m
OUTER CONDUCTOR	BRASS Copper tin-zinc3 μ m
CLAMP	BRASS Ni3 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	IP68
ROHS COMPLIANT	
5. ASSEMBLY: INNER AND OUTER CONDUCTOR INSTALLED	

DRAWN		TITLE			 AMPHENOL FUYANG CO.,LTD CHANGZHOU, CHINA		
YUYING		NF-1/2"L					
CHECKED		SHEET			DRAWING NO.		
WANGYING					AFS-A8-11		
APPROVED		SCALE		METRIC		PART NO.	
XUYIMING		1/1		1.5/1		mm	
						AFA8-11	
						VER 0 REV 0	