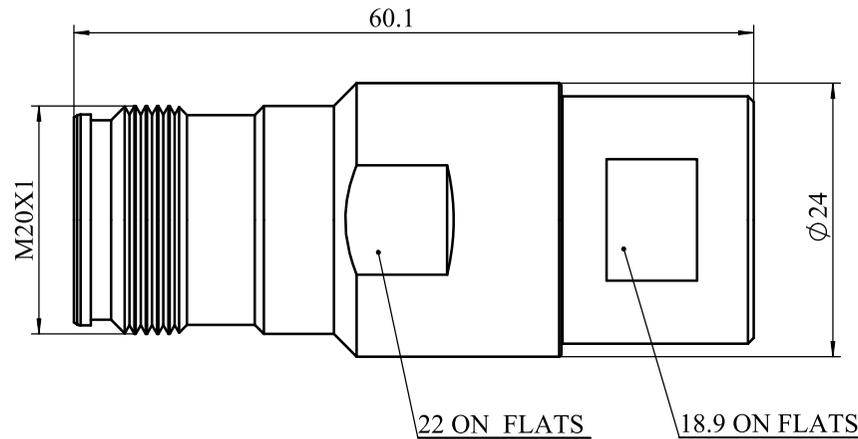


REVISIONS

VER	REV	DESCRIPTION	DATE
2	0	CHANGE	2020.5.25



REFERENCE STANDARD

1. ELECTRIC PERFORMANCE

NOMINAL IMPEDANCE(Ω)
 FREQUENCY RANGE
 VSWR

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

2. MECHANICAL PERFORMANCE
 RETENTION

MATING CYCLES
 AXIAL FORCE
 TENSILE FORCE(CABLE-CONNECTOR)
 TORSION(CABLE-CONNECTOR)

IEC60169-54

50
 DC-6GHz
 ≤ 1.15 (DC-3.8GHz)
 ≤ 1.35 (3.8-6GHz)
 ≤ -160 (2*43dBm)
 ≤ 0.05
 ≥ 5000
 2500
 OUTER CONDUCTOR <1.0
 INNER CONDUCTOR <1.0
 $\geq 4N$ (OUTER CONDUCTOR)
 $\geq 1.5N$ (INNER CONDUCTOR)
 100
 30N
 500N
 3.5N.m

3. MATERIAL AND PLATING

INNER CONDUCTOR
 OUTER CONDUCTOR
 BODY
 INSULATOR
 O-RING

SPRING COPPER Ag3 μ m
 SPRING COPPER Ag3 μ m
 BRASS COPPER-TIN-ZINC3 μ m
 TPX
 SILICONE 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	WangYing 2020.05.25 16:04:38 +08'00'	TITLE	4.3/10F-1/2"L				
	CHECKED						
APPROVED	LiBo 2020.05.25 15:31:15 +08'00'	SHEET	SCALE	METRIC	PART NO.		
		1/1	1.5/1	mm	AFDF40-1		
						AFS-DF40-1	
						2	0

AMPHENOL FUYANG CO.,LTD CHANGZHOU, CHINA