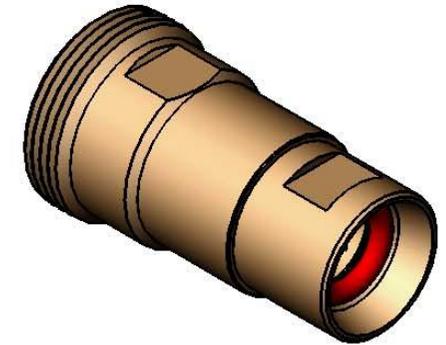
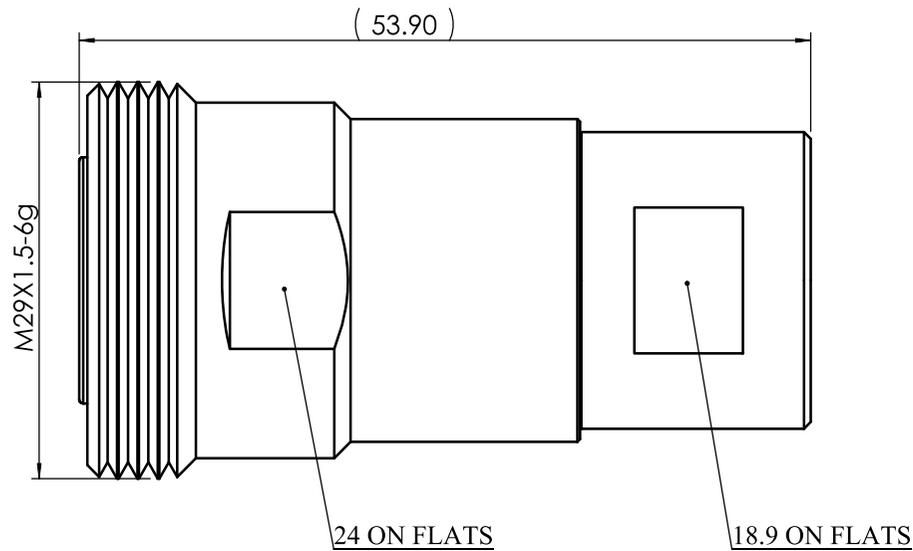


REVISIONS

VER	REV	DESCRIPTION	DATE
1	0	FIRST RELEASE	2022-9-15



REFERENCE STANDARD

1. ELECTRIC PERFORMANCE

NOMINAL IMPEDANCE(Ω)
 FREQUENCY RANGE
 RETURN LOSS (dB)

PIM(dBc)

INSERT LOSS(dB)

INSULATION RESISTANCE(M Ω)

DIELECTRIC WITHSTANDING VOLTAGE(V)

CONTACT RESISTANCE(m Ω)

2. MECHANICAL PERFORMANCE

RETENTION

MATING CYCLES

TENSILE FORCE(CABLE-CONNECT)

TORSION(CABLE-CONNECT)

IEC61169-4

50

DC-6GHz

\leq -26(DC-3GHz)

\leq -23(3-4.2GHz)

\leq -20.5(4.2-6GHz)

\leq -165(2*43dBm)

\leq 0.05* \sqrt{F} (GHz)

\geq 10000

3000

OUTER CONDUCTOR <0.2

INNER CONDUCTOR<0.8

>5.88N

500

500N

5N.m

3. MATERIAL AND PLATING

INNER CONDUCTOR
 OUTER CONDUCTOR
 INSULATOR
 O-RING

SPRING COPPER
 BRASS
 TPX
 SILICON RUBBER

Ag3 μ m

COPPER TIN-ZINC3 μ m

4. ENVIRONMENT

TEMP.RANGE
 WEATHER STANDARD
 THERMAL SHOCK
 VIBRATION
 SHOCK
 SALT SPRAY
 WATERPROOF 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

240HOURS

IP67

5.ASSEMBLY: INNER AND OUTER CONDUCTOR INSTALLED

DRAWN	PanJie 2022.09.16 09:12:08 +08'00'	TITLE (011)			 AMPHENOL FUYANG CO.,LTD CHANGZHOU, CHINA		
CHECKED	YuYing 2022.09.24 14:03:54 +08'00'	CONNECTOR 7/16 FEMALE FOR 1/2"L CABLE					DRAWING NO.
APPROVED	XuYiMing 2022.09.16 09:18:20 +08'00'	SHEET	SCALE	METRIC	PART NO.		
		1/1	1.5/1	mm	AFB07-8		
					AFB07-8		