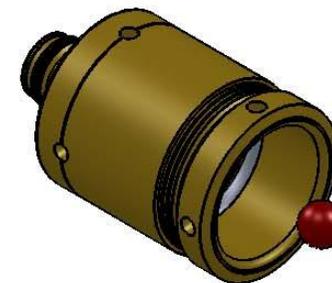
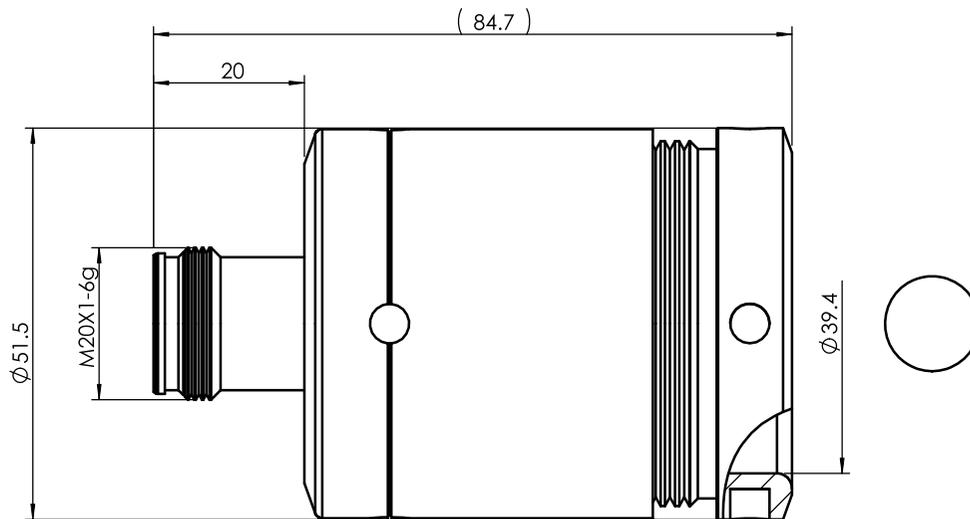


REVISIONS

VER	REV	DESCRIPTION	DATE
1	0	FIRST RELEASE	2022-6-28



REFERENCE STANDARD

1. ELECTRIC PERFORMANCE

NOMINAL IMPEDANCE( $\Omega$ )  
 FREQUENCY RANGE  
 RETURN LOSS (DTF)  
 PIM(dBc)  
 INSERT LOSS (dB)  
 INSULATION RESISTANCE(M $\Omega$ )  
 PROOF VOLTAGE(V)  
 CONTACT RESISTANCE(m $\Omega$ )

IEC61169-54

50  
 DC-3.8GHz  
 $\geq 35$ dB  
 $\leq -155$ dBc(2x43dBm)  
 $\leq 0.05$  (3GHz)  
 $\geq 5000$   
 2500  
 OUTER CONDUCTOR<1.0  
 INNER CONDUCTOR<1.0

2. MECHANICAL PERFORMANCE

RETENTION  
 MECHANICAL CYCLE

$\geq 4$ N (OUTER CONDUCTOR)  
 $\geq 1.5$ N (INNER CONDUCTOR)  
 500

3. MATERIAL AND PLATING

INNER CONDUCTOR  
 OUTER CONDUCTOR  
 INSULATOR  
 O-RING

SPRING COPPER Ag3 $\mu$ m  
 BRASS COPPER TIN-ZINC3 $\mu$ m  
 PTFE  
 SILICONE RUBBER

4. ENVIRONMENT

TEMP.RANGE  
 WEATHER STANDARD  
 THERMAL SHOCK  
 VIBRATION  
 SHOCK  
 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  
 IP67 (UNMATED)

DRAWN PanJie 2022.06.29 15:14:09 +08'00'	TITLE(006)			 AMPHENOL FUYANG CO.,LTD CHANGZHOU, CHINA				
	CHECKED YuYing 2022.06.29 14:52:27 +08'00'	4.3/10F-1-1/4"Rca				DRAWING NO.	VER	REV
APPROVED YangLin 2022.06.29 15:17:52 +08'00'	SHEET	SCALE	METRIC	PART NO.				
	1/1	2/1	mm	AFDF368-1				
				AFS-DF368-1			1	0