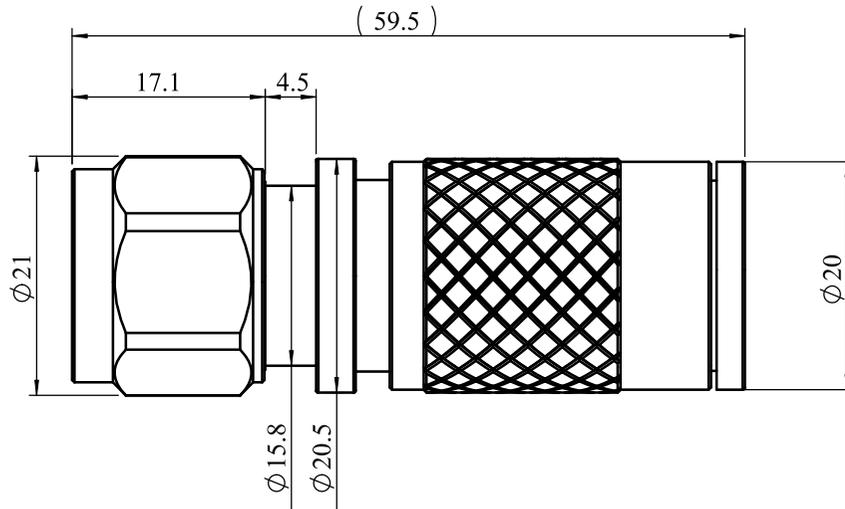


REVISIONS

REV	DESCRIPTION	DATE
0	FIRST RELEASE	2022-12-15



REFERENCE STANDARD

IEC61169-4

1. ELECTRIC PERFORMANCE

NOMINAL IMPEDANCE(Ω)
 FREQUENCY RANGE
 VSWR

50
 DC-6GHz
 ≤ 1.15 (DC~3GHz)
 ≤ 1.25 (3~6GHz)

INSERT LOSS(dB)

$\leq 0.05\sqrt{f}$ GHz
 ≤ -160 (2x43dBm)

PIM(dBc)

INSULATION RESISTANCE(M Ω)

≥ 5000

PROOF VOLTAGE(V)

1500

CONTACT RESISTANCE(m Ω)

OUTER CONDUCTOR <0.2
 INNER CONDUCTOR<0.8

2. MECHANICAL PERFORMANCE

RETENTION

0.56N

MATING CYCLES

500

3. MATERIAL AND PLATING

INNER CONDUCTOR
 OUTER CONDUCTOR
 NUT
 INSULATOR

SPRING COPPER
 BRASS
 BRASS
 PTFE

Ag3 μ m
 Copper-tin-zinc3 μ m
 Ni3 μ m

4. ENVIRONMENT

TEMP.RANGE
 WEATHER STANDARD
 THERMAL SHOCK
 VIBRATION
 SHOCK
 ROHS COMPLIANT

-40 $^{\circ}$ C~+085 $^{\circ}$ C
 IEC 60068 40 / 085/ 21
 IEC 60068 -2-14-Na
 IEC 60068-2-6-Fc
 IEC 60068-2-27

5.ASSEMBLY: INNER CONDUCTOR INSTALLED AND OUTER CONDUCTOR COMPRESSED

DRAWN YuYing 2023.02.28 16:26:32 +08'00'		TITLE NM-1/3"H ACC			 AMPHENOL FUYANG CO.,LTD CHANGZHOU, CHINA DRAWING NO. AFS-A555-1 VER 1 REV 0	
CHECKED WangYing 2023.02.28 16:17:41 +08'00'		SHEET 1/1 SCALE 1/1 METRIC mm				
APPROVED YangLin 2023.03.01 09:02:24 +08'00'		PART NO. AFA555-1				