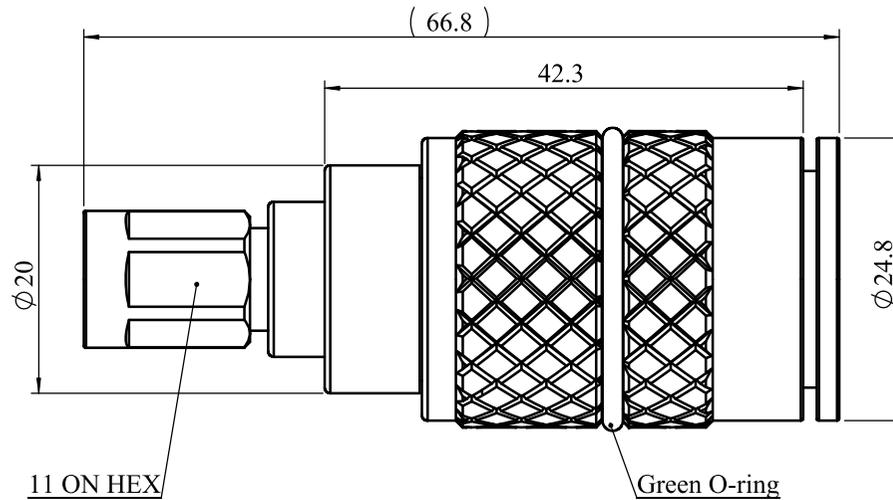


REVISIONS

REV	DESCRIPTION	DATE
0	FIRST RELEASE	2023.5.17



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

IEC61169

50
 DC-6GHz
 ≤ 1.1 (DC~3GHz)
 ≤ 1.15 (3~4.2GHz)
 ≤ 1.25 (4.2~6GHz)
 ≤ -160 (2x43dBm)
 ≤ 0.05 \sqrt{f} (GHz)
 ≥ 5000
 1000
 OUTER CONDUCTOR <1.5
 INNER CONDUCTOR <1.5

0.28N
 500

3. MATERIAL AND PLATING

INNER CONDUCTOR BERYLLIUM COPPER
 OUTER CONDUCTOR BRASS
 NUT BRASS
 INSULATOR TPX
 O-RING SILICON RUBBER

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

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
 ROHS COMPLIANT

5.ASSEMBLY: INNER CONDUCTOR INSTALLED AND OUTER CONDUCTOR COMPRESSED

DRAWN	YuYing 2023.05.19 13:25:48 +08'00'	TITLE			 AMPHENOL FUYANG CO.,LTD CHANGZHOU, CHINA
CHECKED	WangYing 2023.05.19 09:29:02 +08'00'	NEX10M-1/2\"/>			
APPROVED	YangLin 2023.05.19 13:22:40 +08'00'	SHEET	SCALE	METRIC	PART NO.
		1/1	1/1	mm	AFDG119-1