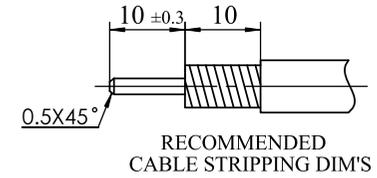
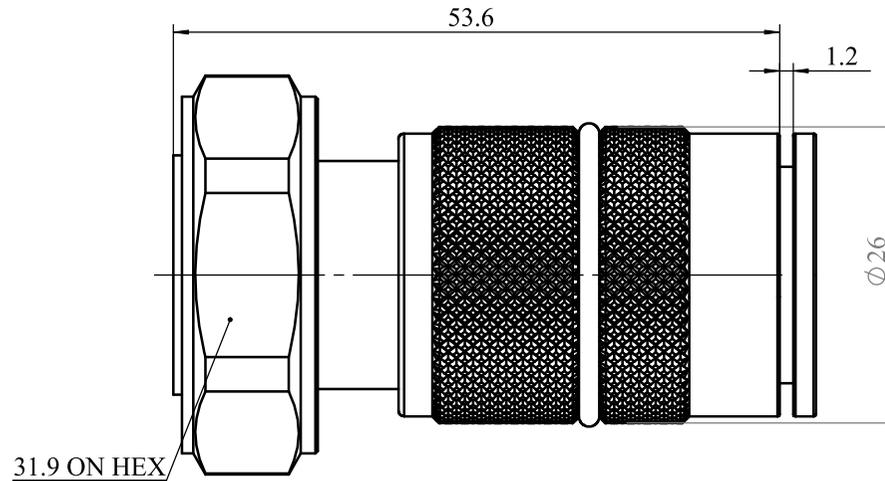


REVISIONS

REV	DESCRIPTION	DATE
0	FIRST RELEASE	2019-11-13



REFERENCE STANDARD

IEC61169-4

1. ELECTRIC PERFORMANCE

NOMINAL IMPEDANCE(Ω)
FREQUENCY RANGE
VSWR

50
DC-6GHz
 ≤ 1.15 (DC-3GHz)
 ≤ 1.25 (3-6GHz)
 ≤ -165 (2*43dBm)

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

≤ 0.05
 ≥ 10000
3000
OUTER CONDUCTOR <0.2
INNER CONDUCTOR <0.8

2. MECHANICAL PERFORMANCE

NUT TORQUE
(NUT)WHORL PULL
TENSILE FORCE(CABLE-CONNECTOR)
TORSION(CABLE-CONNECTOR)

25N.m
1000N
500N
4N.m

3. MATERIAL AND PLATING

INNER CONDUCTOR
OUTER CONDUCTOR
NUT
INSULATOR
O-RING

BERYLLIUM BRONZE Ag5 μ m
BRASS COPPER-TIN-ZINC2 μ m
BRASS Ni5 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 CONDUCTOR INSTALLED AND OUTER CONDUCTOR COMPRESSED

DRAWN	WuHuaYing 2019.11.15 09:02:27 +08'00'	TITLE 7/16M-1/2"H	 AMPHENOL FUYANG CO.,LTD CHANGZHOU, CHINA				
	CHECKED					YuYing 2019.11.14 14:38:27 +08'00'	DRAWING NO.
APPROVED	LiBo 2019.11.14 13:34:34 +08'00'	SHEET	SCALE	METRIC	PART NO.		
		1/1	1.5/1	mm	AFB273-2	3	0