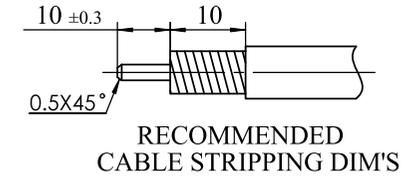
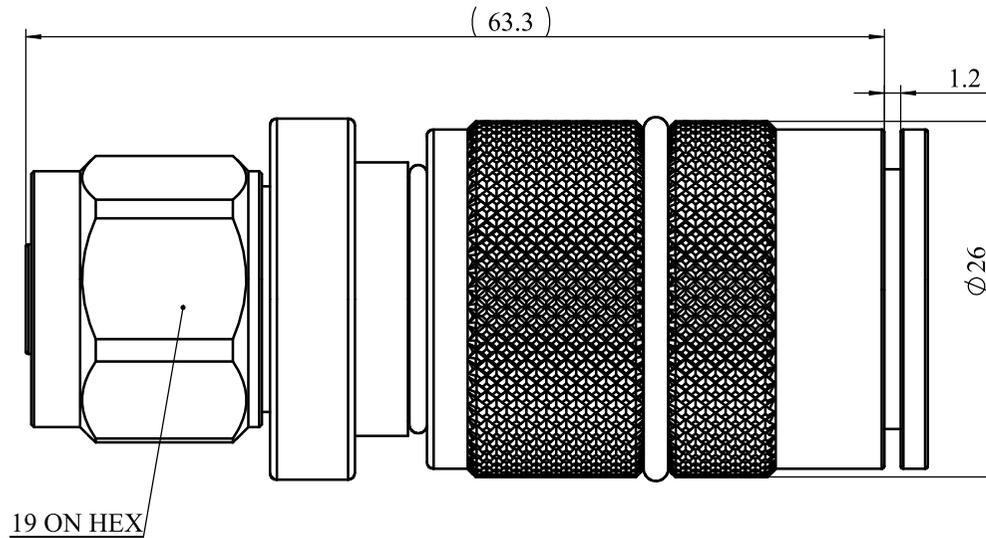


REVISIONS

VER	REV	DESCRIPTION	DATE
2	0	CHANGE	2020-6-4



REFERENCE STANDARD

IEC61169-16

1. ELECTRIC PERFORMANCE

NOMINAL IMPEDANCE(Ω)
FREQUENCY RANGE
VSWR

50
DC-6GHz
≤1.15(0~3GHz)
≤1.25(3~6GHz)
≤-160(2*43dBm)

PIM(dBc)

INSERT LOSS

INSULATION RESISTANCE(MΩ)

PROOF VOLTAGE(V)

CONTACT RESISTANCE(mΩ)

≤ 0.05
≥5000
2500
OUTER CONDUCTOR <0.4
INNER CONDUCTOR <0.8

2. MECHANICAL PERFORMANCE

NUT TORQUE

(NUT)WHORL PULL

TENSILE FORCE(CABLE-CONNECTOR)

TORSION(CABLE-CONNECTOR)

5N.m
500N
500N
4N.m

3. MATERIAL AND PLATING

INNER CONDUCTOR
OUTER CONDUCTOR
NUT
INSULATOR
O-RING

SPRING COPPER Ag3μm
BRASS COPPER-TIN-ZINC3μm
BRASS Ni3μm
TPX
SILICONE RUBBER

4. ENVIRONMENT

TEMP.RANGE
WEATHER STANDARD
THERMAL SHOCK
VIBRATION
SHOCK
WATERPROOFING STANDARD
ROHS COMPLIANT

-40°C~+85°C
IEC 60068 40 / 085/ 21
IEC 60068 -2-14-Na
IEC 60068-2-6-Fc
IEC 60068-2-27
IP67

5.ASSEMBLY: INNER CONDUCTOR INSTALLED AND OUTER CONDUCTOR COMPRESSED

DRAWN	PanJie 2020.06.04 15:06:56 +08'00'	TITLE	NM-1/2"H			 AMPHENOL FUYANG CO.,LTD CHANGZHOU, CHINA					
	CHECKED		WangYing 2020.06.04 14:38:13 +08'00'	DRAWING NO.	AFS-A289-1		VER	2	REV	0	
APPROVED	LiBo 2020.06.04 17:01:38 +08'00'	SHEET	1/1	SCALE	1.5/1	METRIC	mm	PART NO.	AFA289-1		