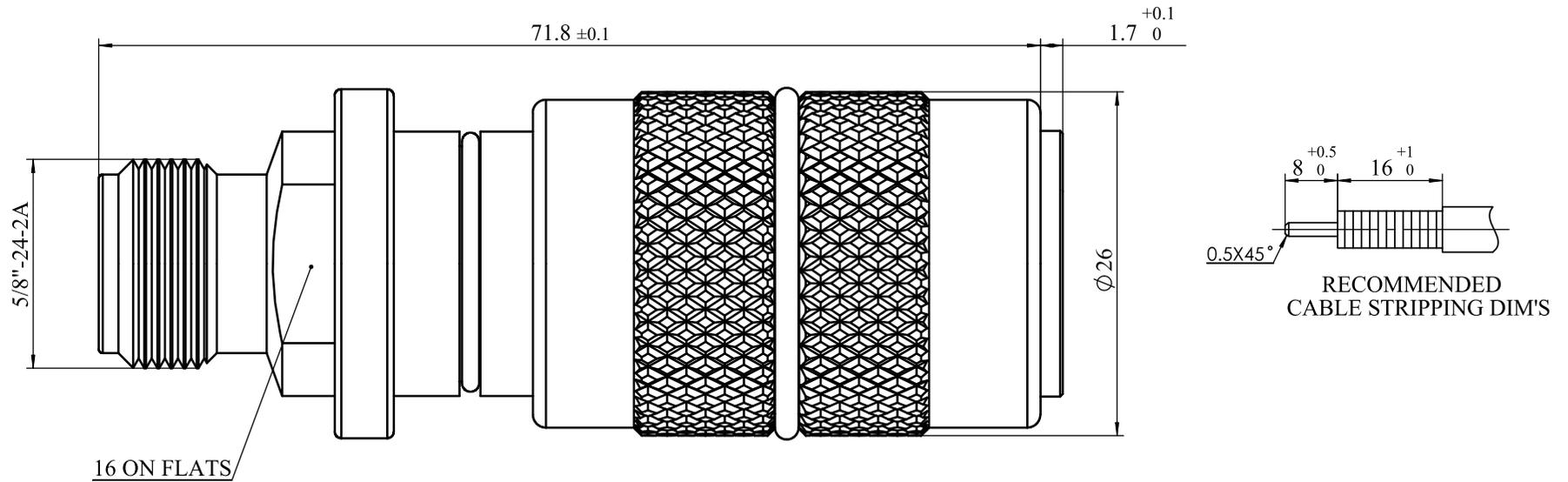


REVISIONS

REV	DESCRIPTION	DATE
0	FIRST RELEASE	2020.01.14



REFERENCE STANDARD

IEC61169-16

1. ELECTRIC PERFORMANCE  
 NOMINAL IMPEDANCE(Ω)  
 FREQUENCY RANGE  
 VSWR

50  
 DC-6GHz  
 ≤1.15(DC-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

- RETENTION  
 MATING CYCLES  
 TENSILE FORCE(CABLE-CONNECTOR)  
 TORSION(CABLE-CONNECTOR)

≥0.56N  
 500  
 500N  
 5N.m

3. MATERIAL AND PLATING

- INNER CONDUCTOR  
 OUTER CONDUCTOR  
 INSULATOR  
 O-RING

BERYLLIUM BRONZE Ag5μm  
 BRASS COPPER-TIN-ZINC2μm  
 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	WangYing 2020.01.16 10:46:31 +08'00'	TITLE	NF-1/2"L 1/2"L AIR			 AMPHENOL FUYANG CO.,LTD CHANGZHOU, CHINA				
	CHECKED		YuYing 2020.01.16 11:03:36 +08'00'	DRAWING NO.	AFS-A490-1		VER	3	REV	0
APPROVED	LiBo 2020.01.16 09:57:09 +08'00'	SHEET	1/1	SCALE	1.5/1	METRIC	mm	PART NO.	AFA490-1	