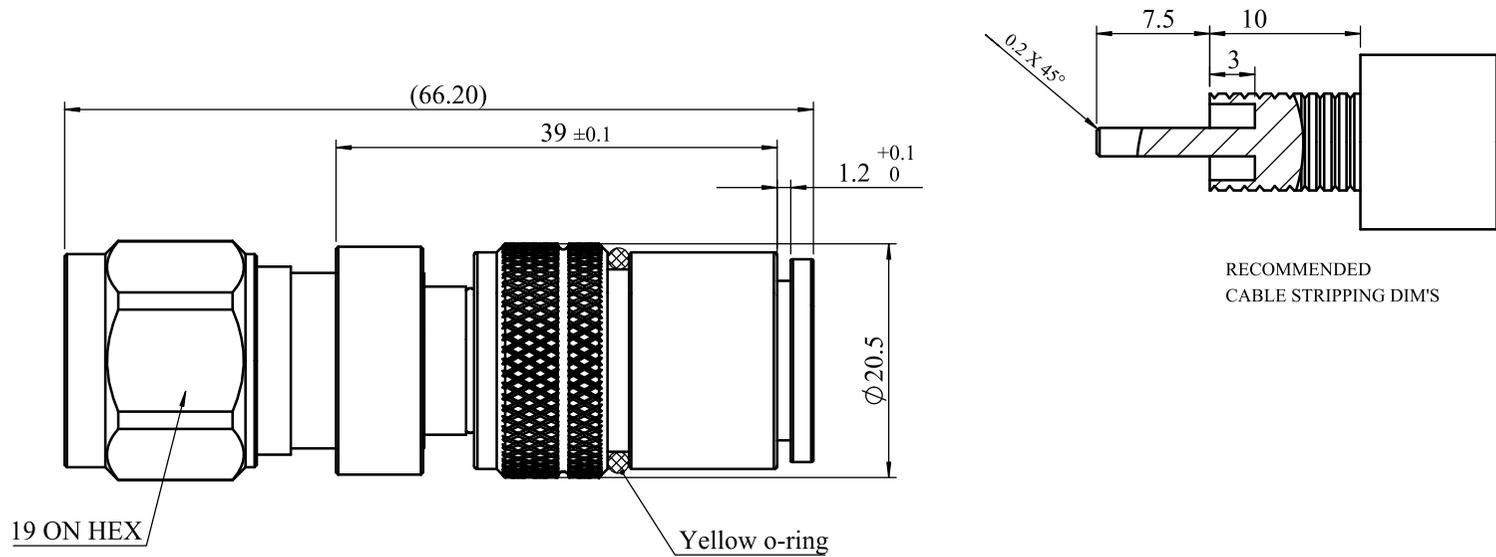


REVISIONS

REV	DESCRIPTION	DATE
0	FIRST RELEASE	2023.11.7



REFERENCE STANDARD

IEC61169-16

1. ELECTRIC PERFORMANCE

NOMINAL IMPEDANCE( $\Omega$ )  
FREQUENCY RANGE  
VSWR

50  
DC-6GHz  
 $\leq 1.15$ (0-3GHz)  
 $\leq 1.35$ (3-6GHz)  
 $\leq -160$

PIM(dBc)  
INSERT LOSS (dB)  
INSULATION RESISTANCE(M $\Omega$ )  
PROOF VOLTAGE(V)  
CONTACT RESISTANCE(m $\Omega$ )

$\leq 0.05\sqrt{F}$ (GHz)  
 $\geq 5000$   
1000  
OUTER CONDUCTOR <0.2  
INNER CONDUCTOR <0.8

2. MECHANICAL PERFORMANCE

MATING CYCLES  
TENSILE FORCE(CABLE-CONNECT)  
TORSION (CABLE-CONNECT)

500  
250N  
1.5N.m

3. MATERIAL AND PLATING

INNER CONDUCTOR  
OUTER CONDUCTOR  
NUT  
INSULATOR

SPRING COPPER Ag3 $\mu$ m  
BRASS Copper-tin-zinc3 $\mu$ m  
BRASS Ni3 $\mu$ m  
TPX

4. ENVIRONMENT

TEMP.RANGE  
WEATHER STANDARD  
THERMAL SHOCK  
VIBRATION  
SHOCK  
SALT SPRAY  
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  
96 HOURS  
IP67

5. ASSEMBLY: ASSEMBLE: INNER AND OUTER CONDUCTOR INSTALLED

DRAWN yuying 2023.11.10 15:11:47 +08'00'	TITLE NM-1/4''H ACC			 AMPHENOL FUYANG CO.,LTD CHANGZHOU, CHINA DRAWING NO. AFS-A349-1 VER 1 REV 0	
	CHECKED WangYing 2023.11.10 15:13:26 +08'00'	SHEET 1/1	SCALE 1.5/1		
APPROVED ChenHuaJing 2023.11.10 15:17:22 +08'00'	PART NO. AFA349-1				