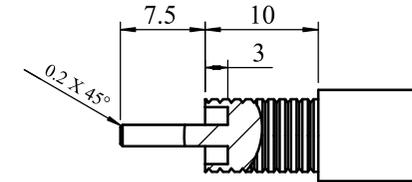
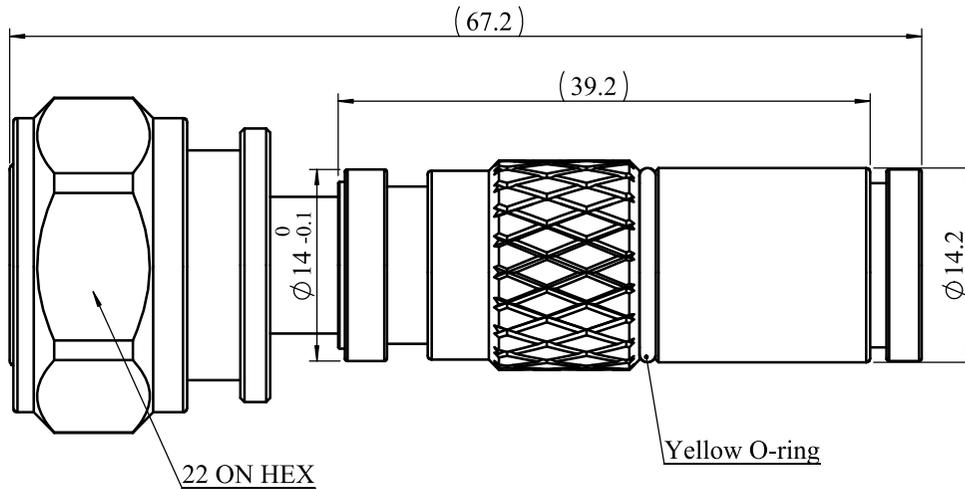


REVISIONS

REV	DESCRIPTION	DATE
1	CHANGE	2024.04.19



RECOMMENDED
CABLE STRIPPING DIM'S

REFERENCE STANDARD	IEC61169-54
1. ELECTRIC PERFORMANCE	
NOMINAL IMPEDANCE(Ω)	50
FREQUENCY RANGE	DC-6GHz
VSWR	≤1.15(DC~3GHz)
	≤1.25(3~6GHz)
PIM(dBc)	≤-160 (2x43dBm)
INSERT LOSS (dB)	≤ 0.05√F(GHz)
INSULATION RESISTANCE(MΩ)	≥5000
PROOF VOLTAGE(V)	1000
CONTACT RESISTANCE(mΩ)	OUTER CONDUCTOR <1.0
	INNER CONDUCTOR<1.0
2. MECHANICAL PERFORMANC	
MATING CYCLES	100
NUT TORQUE	10N.m
TENSILE FORCE(CABL-CONNECTOR)	250N
TORSION(CABLE-CONNECTOR)	1.5N.m

3. MATERIAL AND PLATING
- INNER CONDUCTOR
 - OUTER CONDUCTOR
 - NUT
 - INSULATOR
 - O-RING

SPRING COPPER	Ag3μm
BRASS	Copper-tin-zinc3μm
BRASS	Copper-tin-zinc3μm
TPX	
SILICON RUBBER	

4. ENVIRONMENT
- TEMP.RANGE
 - WEATHER STANDARD
 - THERMAL SHOCK
 - VIBRATION
 - SHOCK
 - WATERPROOF 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
IP68

5.ASSEMBLY: INNER CONDUCTOR INSTALLED AND OUTER CONDUCTOR COMPRESSED

DRAWN	yuying 2024.04.19 16:42:15 +08'00'	TITLE	4.3/10SM-1/4\"/>			
CHECKED	LiWenYan 2024.04.19 16:43:24 +08'00'	SHEET	1/1	METRIC	mm	 AMPHENOL FUYANG CO.,LTD CHANGZHOU, CHINA DRAWING NO. AFS-DF11-9 VER 1 REV 1 PART NO. AFDF11-9
APPROVED	QianBo 2024.04.19 16:39:38 +08'00'					