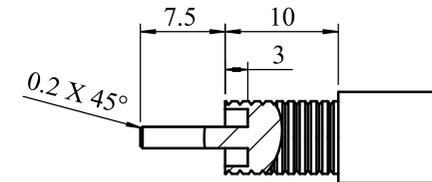
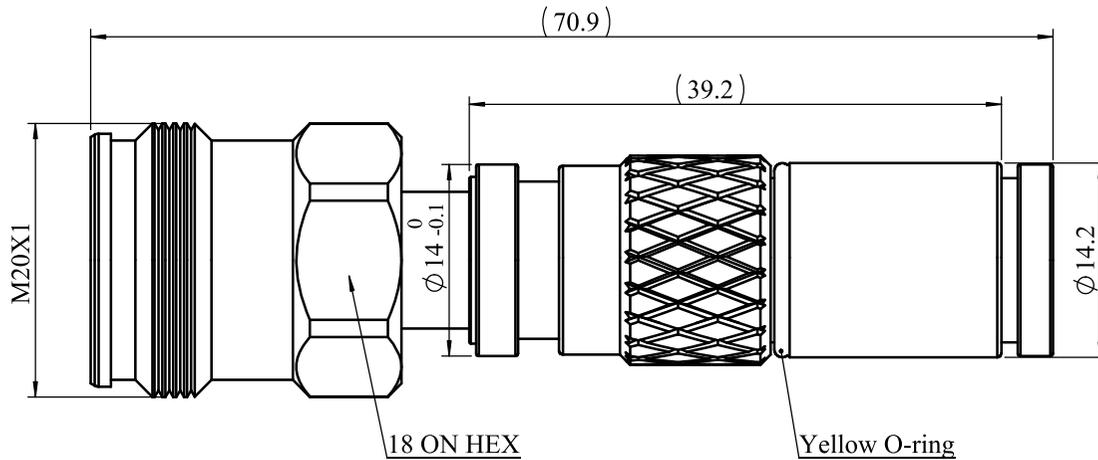


REVISIONS

REV	DESCRIPTION	DATE
1	FIG CHANGE	2023.12.18



RECOMMENDED
CABLE STRIPPING DIM'S

REFERENCE STANDARD

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

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

2. MECHANICAL PERFORMANCE
RETENTION

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

IEC61169-54

50
DC-6GHz
 ≤ 1.15 (DC~3GHz)
 ≤ 1.35 (3~6GHz)
 ≤ -160 (2x43dBm)
 $\leq 0.05\sqrt{f}$ GHz
 ≥ 5000
1000
OUTER CONDUCTOR <1.0
INNER CONDUCTOR<1.0

$\geq 4N$ (OUTER CONDUCTOR)
 $\geq 1.5N$ (INNER CONDUCTOR)
100
250N
1.5N.m

3. MATERIAL AND PLATING

INNER CONDUCTOR
OUTER CONDUCTOR
INSULATOR
O-RING

SPRING COPPER
BRASS
TPX
SILICON RUBBER

Ag3 μ m
Copper-tin-zinc3 μ m

4. ENVIRONMENT

TEMP.RANGE
WEATHER STANDARD
THERMAL SHOCK
VIBRATION
SHOCK
WATERPROOF 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
IP67

5.ASSEMBLY: INNER CONDUCTOR INSTALLED AND OUTER CONDUCTOR COMPRESSED

DRAWN yuying 2023.12.21 14:44:55 +08'00'	TITLE 4.3/10F-1/4\"/>			
CHECKED WangYing 2023.12.21 14:45:59 +08'00'	DRAWING NO. AFS-DF224-2		VER 1	REV 1
APPROVED QianBo 2023.12.22 10:58:49 +08'00'	SHEET 1/1	METRIC mm	PART NO. AFDF224-2	