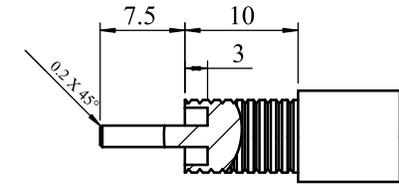
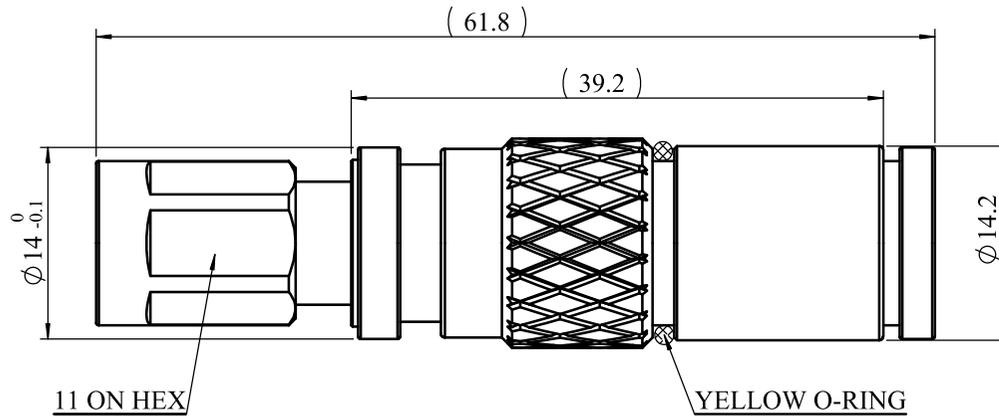


REVISIONS

REV	DESCRIPTION	DATE
1	Length change from 61.2 to 61.8	2023.12.18



RECOMMENDED  
CABLE STRIPPING DIM'S

REFERENCE STANDARD IEC61169

1. ELECTRIC PERFORMANCE

NOMINAL IMPEDANCE( $\Omega$ )	50
FREQUENCY RANGE	DC-6GHz
VSWR	$\leq 1.15$ (DC~3GHz)
	$\leq 1.35$ (3~6GHz)
PIM(dBc)	$\leq -160$ (2x43dBm)
INSERT LOSS (dB)	$\leq 0.05\sqrt{f}$ GHz
INSULATION RESISTANCE(M $\Omega$ )	$\geq 5000$
PROOF VOLTAGE(V)	1000
CONTACT RESISTANCE(m $\Omega$ )	OUTER CONDUCTOR <1.5
	INNER CONDUCTOR<1.5

2. MECHANICAL PERFORMANCE

RETENTION	0.28N
MATING CYCLES	500

3. MATERIAL AND PLATING

INNER CONDUCTOR	BERYLLIUM COPPER	Ag3 $\mu$ m
OUTER CONDUCTOR	BRASS	Copper-tin-zinc3 $\mu$ m
NUT	BRASS	Copper-tin-zinc3 $\mu$ m
INSULATOR	TPX	
O-RING	SILICON RUBBER	

4. ENVIRONMENT

TEMP.RANGE	-40°C~+85°C
WEATHER STANDARD	IEC 60068 40 / 085/ 21
THERMAL SHOCK	IEC 60068 -2-14-Na
VIBRATION	IEC 60068-2-6-Fc
SHOCK	IEC 60068-2-27
ROHS COMPLIANT	

5.ASSEMBLY: INNER CONDUCTOR INSTALLED AND OUTER CONDUCTOR COMPRESSED

DRAWN yuying 2023.12.21 14:40:33 +08'00'		TITLE NEX10M-1/4H ACC		 AMPHENOL FUYANG CO.,LTD CHANGZHOU, CHINA	
CHECKED WangYing 2023.12.21 11:02:55 +08'00'		DRAWING NO. AFS-DG17-1			
APPROVED QianBo 2023.12.22 11:00:26 +08'00'		SHEET 1/1	METRIC mm	PART NO. AFDG17-1	