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REV	DESCRIPTION OF REVISION	ECN NO.	BY	DATE	APPROVED
A	Initial Release		H.wei	19/03/17	19/03/17

1 Electrical

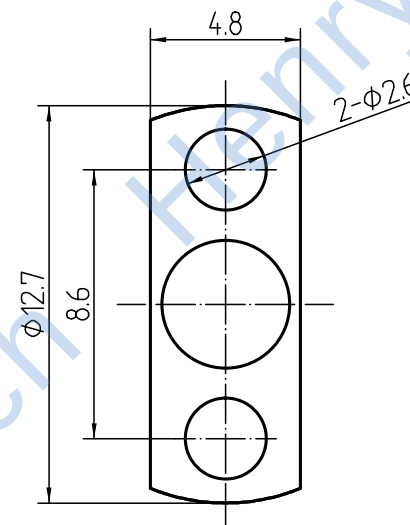
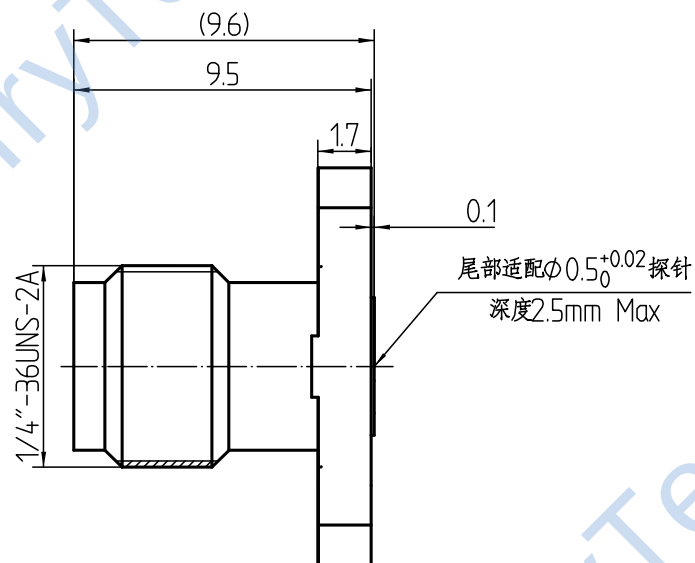
- 1.1 Impedance $50\ \Omega$
- 1.2 Frequency DC~18GHz
- 1.2 Dielectric withstanding voltage 1000V(volts RMS)
- 1.3 Center contact resistance $\leq 3\text{M}\Omega$
- 1.4 Outer contact resistance $\leq 2\text{M}\Omega$
- 1.5 Insulation resistance: $\geq 5000\text{M}\Omega$
- 1.6 VSWR 1.25:1

2 Environmental&Mechanical

- 2.1 Temperature range $-45^{\circ}\text{C}\sim 125^{\circ}\text{C}$
- 2.2 RoHS Compliant
- 2.3 Durability >500 cycles

3 Materials&plating

- 3.1 Body: Brass, Gold plated
- 3.2 Insulator: Teflon
- 3.3 Contact Pin: Beryllium-copper, Gold plated



Notes:

- 1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE NOTICE AT ANY TIME
- 2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

DRAWN: H.wei 19/03/17
ENGINEER: L.yu 19/03/17
APPROVED: W.yi 19/03/17
TOLERANCES UNLESS OTHERWISE SPECIFIED
X ± 0.50
.X ± 0.20
.XX ± 0.10
ANGLES $\pm 1^{\circ}$

TITLE:
RF Coaxial Connector
SMA Female Flange
Conn. Terminal

PART NO: HL-SMA-KFD0.5C



DIMENSION IN MILLIMETERS (mm)

SIZE: A4 SCALE: N/A SHEET: 1/1 REV: A