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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

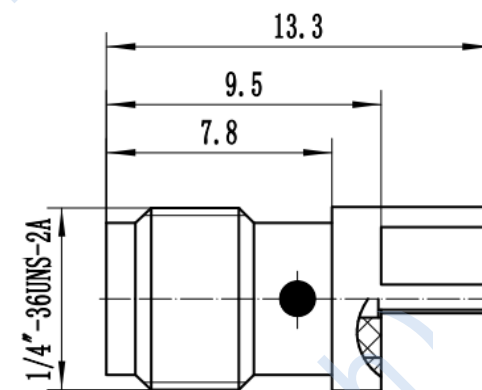
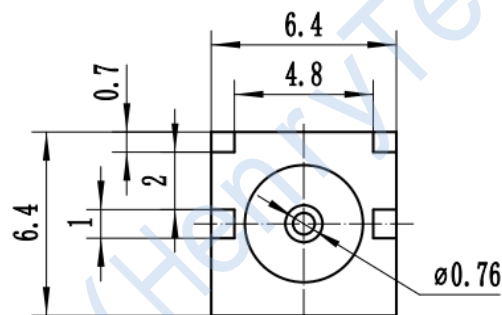
- 1.1 Impedance: $50\ \Omega$
- 1.2 Frequency: DC~18.0GHz
- 1.3 VSWR: ≤ 1.30
- 1.4 Insulation resistance: $\geq 5000M\ \Omega$
- 1.5 Dielectric strength: 1000V
- 1.6 Center contact $\leq 3.0m\ \Omega$
- 1.7 Outer contact $\leq 2.0m\ \Omega$

2 Environmental&Mechanical

- 2.1 Temperature range: $-55^{\circ}C \sim +125^{\circ}C$
- 2.2 RoHs Compliant
- 2.3 Durability: >500 cycles

3 Materials&Finish

- 3.1 Body:Brass, Gold plated
- 3.2 Insulators: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 Connector
Solder Attachment .078
Inch End Launch PCB

PART NO: HL-SMA-KHDC3-1



DIMENSION IN MILLIMETERS (mm)

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