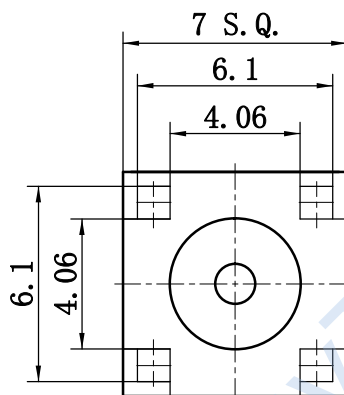
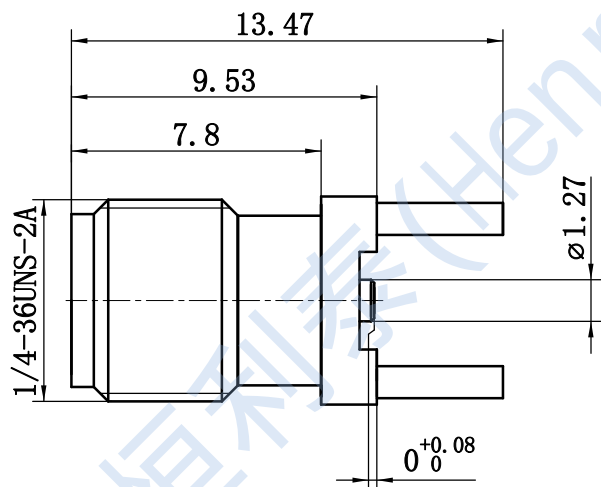
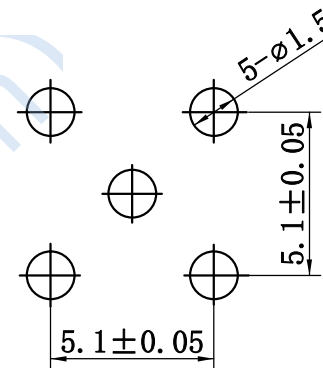


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REV	DESCRIPTION OF REVISION	ECN NO.	BY	DATE	APPROVED
A	Initial Release	—	H.wei	19/03/17	19/03/17



Recommended PCB Layout



1 Electrical

- | | |
|-------------------------------------|------------------|
| 1.1 Impedence | 50 Ω |
| 1.2 Frequency | DC~12.4GHz |
| 1.2 Dielectric withstanding voltage | 1000V(volts RMS) |
| 1.3 Center contact resistance | ≤ 3M Ω |
| 1.4 Outer contact resistance | ≤ 2M Ω |
| 1.5 Insulation resistance: | ≥5000M Ω |
| 1.6 VSWR | ≤ 1.30 |

2 Environmental&Mechanical

- | | |
|-----------------------|-------------|
| 2.1 Temperature range | -45℃~125℃ |
| 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:

- ALL SPECIFICATIONS ARE SUBJECT TO CHANGE NOTICE AT ANY TIME
- 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 ±1°

TITLE:
RF Coaxial Connector
SMA Female Conn. PCB

PART NO: HL-SMA-KHD17



DIMENSION IN MILLIMETERS (mm)

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