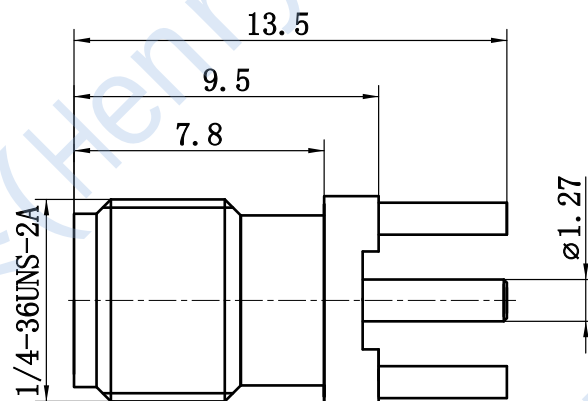
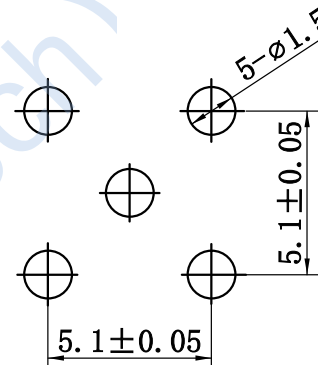


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REV	DESCRIPTION OF REVISION	ECN NO.	BY	DATE	APPROVED
A	Initial Release	—	H.wei	19/03/17	19/03/17



Recommended PCB Layout



1 Electrical

1.1 Impedance	50 Ω
1.2 Frequency	DC~18GHz
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	1.20:1 @6GHz

2 Environmental&Mechanical

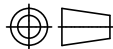
2.1 Temperature range	-45℃~125℃
2.2 RoHs Compliant	
2.3 Durability	>500 cycles

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	TITLE: RF Coaxial Connector SMA Female Conn. PCB				
ENGINEER: L.yu 19/03/17					
APPROVED: W.yi 19/03/17		 DIMENSION IN MILLIMETERS (mm)			
TOLERANCES UNLESS OTHERWISE SPECIFIED: X ±0.50 .X ±0.20 .XX ±0.10 ANGLES ±1°	PART NO: HL-SMA-KHDA	SIZE: A4	SCALE: N/A	SHEET: 1/1	REV: A