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REV	DESCRIPTION OF REVISION	TRL NO.	BY	DATE	APPROVED
A	Initial Release	—	T. Shihua	14/09/2022	14/09/2022

1 Electrical

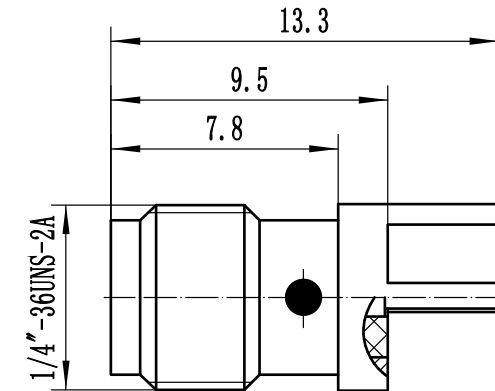
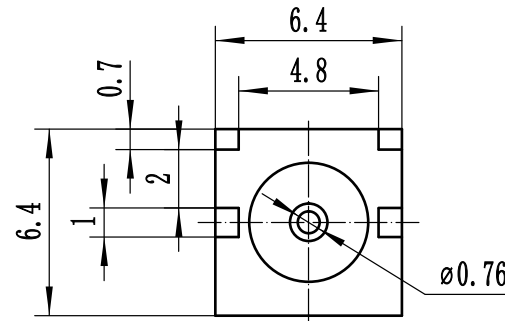
- 1.1 Impedance: $50\ \Omega$
- 1.2 Frequency: DC~18.0GHz
- 1.3 VSWR: ≤ 1.30
- 1.4 Insulation resistance: $\geq 5000M\ \Omega$
- 1.5 Dielectric strength: 1000V
- 1.6 Center contact $\leq 3.0m\ \Omega$
- 1.7 Outer contact $\leq 2.0m\ \Omega$

2 Environmental&Mechanical

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

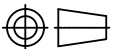
3 Materials&Finish

- 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: T. Shihua 14/09/2022	TITLE RF Coaxial Connector SMA Female Connector Solder Attachment .078 inch End Launch PCB	 www.rf-connector-china.com			
ENGINEER: C. Tao 14/09/2022					
APPROVED: W. Qiang 14/09/2022		 DIMENSION IN MILLIMETERS (mm)			
TOLERANCES UNLESS OTHERWISE SPECIFIED X ± 0.50 .X ± 0.20 .XX ± 0.10 ANGLES $\pm 1^{\circ}$	PART NO: SMA-KHDC3-1	SIZE: A4	SCALE: 4:1	SHEET: 1/1	REV: VA