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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

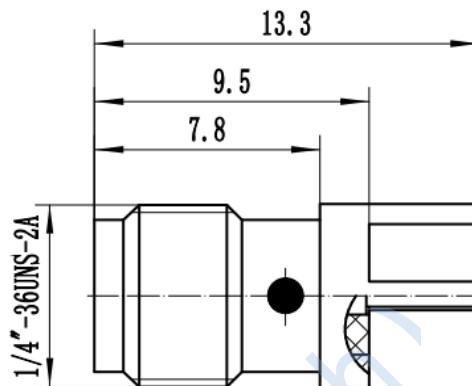
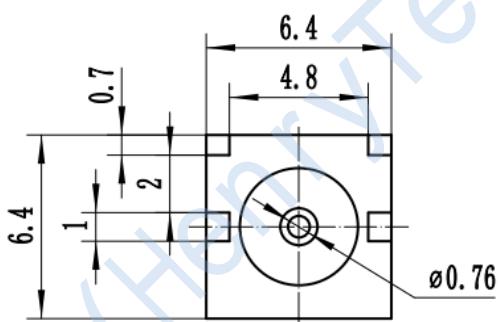
- 1.1 Impedance:  $50\ \Omega$
- 1.2 Frequency: DC~18.0GHz
- 1.3 VSWR:  $\leq 1.30$
- 1.4 Insulation resistance:  $\geq 5000M\ \Omega$
- 1.5 Dielectric strength: 1000V
- 1.6 Center contact  $\leq 3.0m\ \Omega$
- 1.7 Outer contact  $\leq 2.0m\ \Omega$

### 2 Environmental&Mechanical

- 2.1 Temperature range:  $-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$
- 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	TITLE: RF Coaxial Connector		HenryTech				
ENGINEER: L.yu 19/03/17	SMA Female Connector						
APPROVED: W.yi 19/03/17							
TOLERANCES UNLESS OTHERWISE SPECIFIED							
X	$\pm 0.50$	DIMENSION IN MILLIMETERS (mm)					
X	$\pm 0.20$	(Scale: N/A)					
XX	$\pm 0.10$	Sheet: 1/1					
ANGLES	$\pm 1^{\circ}$	Rev: A					
PART NO: HL-SMA-KHDC3-1	SIZE: A4	SCALE: N/A	SHEET: 1/1				