

This document contains proprietary information and such information may not be disclosed to others for any purposes,  
not used for sales/marketing/procurement purposes without written permission

REV	DESCRIPTION OF REVISION	ECN NO.	BY	DATE	APPROVED
A	Initial Release	—	H.wei	1/9/15	1/9/15

### 1 Electrical

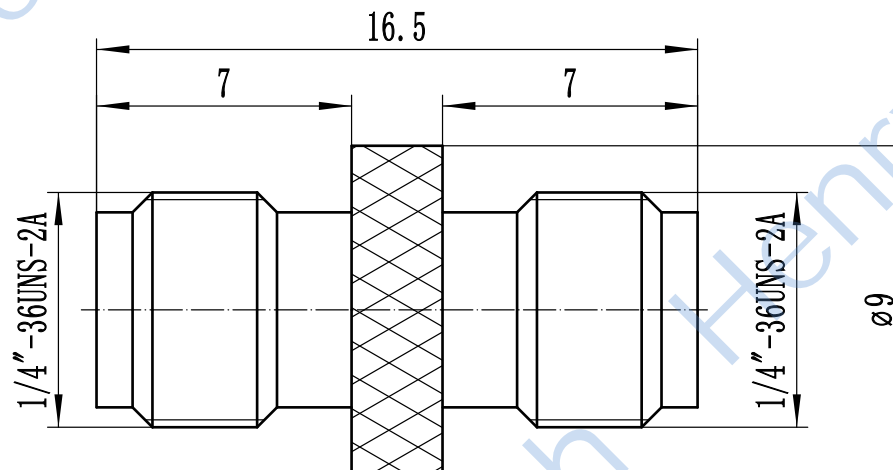
- 1.1 Impedance: 50  $\Omega$
- 1.2 Frequency: DC~18.0GHz
- 1.3 VSWR:  $\leq 1.20$
- 1.4 Insulation resistance:  $\geq 5000M\Omega$
- 1.5 Dielectric strength: 1000V
- 1.6 Center contact  $\leq 3.0m\Omega$
- 1.7 Outer contact  $\leq 2.0m\Omega$

### 2 Environmental&Mechanical

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


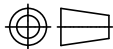
### 3 Materials&Finish

- 3.1 Body: Brass, Gold plated
- 3.2 Insulator: 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 1/9/15	TITLE: RF Coaxial Connector SMA Female to Female				
ENGINEER: L.yu 1/9/15					
APPROVED: W.yi 1/9/15		 DIMENSION IN MILLIMETERS (mm)			
TOLERANCES UNLESS OTHERWISE SPECIFIED X $\pm 0.50$ .X $\pm 0.20$ .XX $\pm 0.10$ ANGLES $\pm 1^{\circ}$	PART NO: HL-SMA-KKA	SIZE: A4	SCALE: N/A	SHEET: 1/1	REV: A