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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: 50Ω
- 1.2 Frequency: DC-27GHz
- 1.3 VSWR: 1.25:1

### 2 Mechanical & Environmental

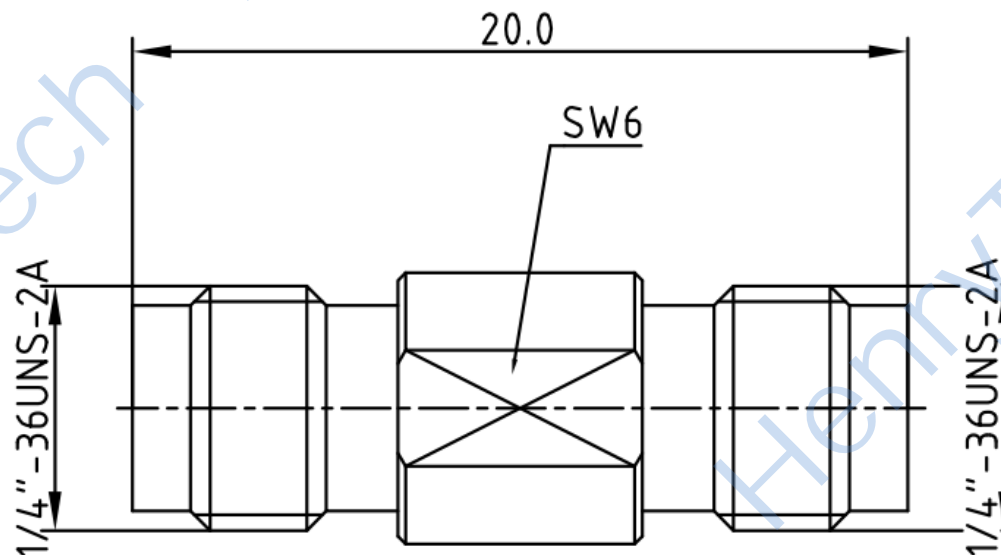
- 2.1 Temperature range -55°C ~ +165°C
- 2.2 Durability (matings) >500
- 2.3 RoHs Compliant Yes

### 3 Material & Finish

- 3.1 Pin contact: Beryllium-Copper, gold plated
- 3.2 Body: Stainless Steel (SU303), Passivated
- 3.3 Insulators: PEI

### 4 Interface Standards

- 4.1 SMA MIL-STD-348A


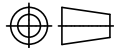


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#### Notes:

- 1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE NOTICE AT ANY TIME
- 2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

|  |  |   |   |            |        |  |
|--|--|---|---|------------|--------|--|
| DRAWN: H.wei 19/03/17<br>ENGINEER: L.yu 19/03/17<br>APPROVED: W.yi 19/03/17<br>TOLERANCES UNLESS OTHERWISE SPECIFIED<br>X ±0.50<br>.X ±0.20<br>.XX ±0.10<br>ANGLES ±1° | TITLE:<br><b>Precision Adapter<br/>         SMA Female to SMA Female</b> |  |  DIMENSION IN MILLIMETERS (mm) |            |        |  |
| PART NO: HL-SMA-KKG  | SIZE: A4   |   | SCALE: N/A  | SHEET: 1/1 | REV: A |  |