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# 1 Electrical

- 1.1 Impedance:  $50\ \Omega$   
1.2 Frequency: DC-40GHz  
1.3 VSWR: 1.25:1

## 2 Mechanical & Environmental

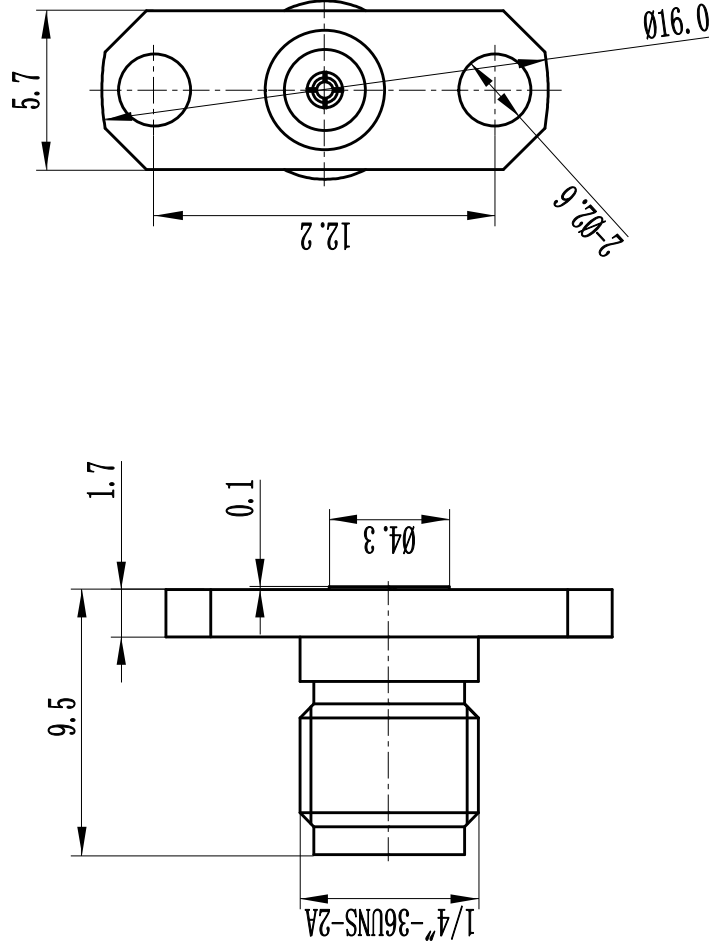
- |                         |               |
|-------------------------|---------------|
| 2.1 Temperature range   | -45°C ~+125°C |
| 2.2 Durability(matings) | >500          |
| 2.3 RoHS Compliant      | Yes           |

### 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 2.92 MIL-STD-348A



| REV | DESCRIPTION OF REVISION | ECN NO. | BY        | DATE    | APPROVED |
|-----|-------------------------|---------|-----------|---------|----------|
| A   | Initial Release         | —       | T. Shihua | 29/8/16 | 29/8/16  |

|                                                                                                                    |                                                                                             |                                                                                     |                                                                                                                   |                                                      |        |
|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|--------|
| DRAWN: T. Shihua 29/8/16                                                                                           | <b>TITLE:</b><br><br>Precision RF Connector<br><br>2. 92mm Female flange with<br>solder end |  |  DIMENSION IN MILLIMETERS (mm) | <a href="http://www.tenulai.com">www.tenulai.com</a> |        |
| ENGINEER: C. Tao 29/8/16                                                                                           |                                                                                             |                                                                                     |                                                                                                                   |                                                      |        |
| APPROVED: W. Qiang 29/8/16<br>TOLERANCES UNLESS OTHERWISE SPECIFIED<br>X +0.50<br>X +0.20<br>XX ±0.10<br>ANGLES ±° |                                                                                             |                                                                                     |                                                                                                                   |                                                      |        |
| PART NO: 2. 92-KFD0. 5G                                                                                            |                                                                                             | SIZE: A4                                                                            | SCALE: N/A                                                                                                        | SHEET: 1/1                                           | REV: A |

Notes:

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