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| REV | DESCRIPTION OF REVISION | ECN NO. | BY        | DATE    | APPROVED |
|-----|-------------------------|---------|-----------|---------|----------|
| A   | Initial Release         | —       | T. Shihua | 12/7/13 | 12/7/13  |

1 Electrical

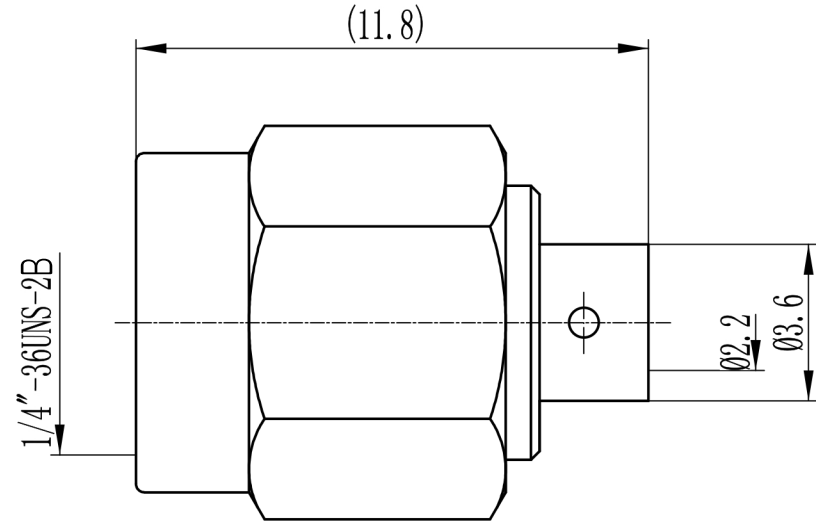
- 1.1 Impedence 50  $\Omega$
- 1.2 Frequency DC~18GHz
- 1.2 Dielectric withstanding voltage 1000V(volts RMS)
- 1.3 Center contact resistance  $\leq 3M\Omega$
- 1.4 Outer contact resistance  $\leq 2M\Omega$
- 1.5 Insulation resistance:  $\geq 5000M\Omega$
- 1.6 VSWR 1.25:1

2 Environmental&Mechanical

- 2.1 Temperature range -45 $^{\circ}$ C~85 $^{\circ}$ C
- 2.2 RoHs Compliant
- 2.3 Durability >500 cycles



3 Materials&plating

- 3.1 Body: Brass, Gold plated
- 3.2 Insulator: Teflon
- 3.3 Contact Pin: Brass Gold plated



Notes:

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

|  |   |  |          |            |            |        |
|--|---|--|----------|------------|------------|--------|
| DRAWN: T. Shihua 12/07/13  | TITLE:<br>RF Coaxial Connector<br>SMA Male Conn. For .086 Cable |  <a href="http://www.rf-connector-china.com">www.rf-connector-china.com</a> |          |            |            |        |
| ENGINEER: C. Tao 12/07/13  |   |  |          |            |            |        |
| APPROVED: W. Qiang 12/07/13  |   |  DIMENSION IN MILLIMETERS (mm)  |          |            |            |        |
| TOLERANCES UNLESS OTHERWISE SPECIFIED<br>X $\pm 0.50$<br>.X $\pm 0.20$<br>.XX $\pm 0.10$<br>ANGLES $\pm 1^{\circ}$ |   | PART NO: ISMA-JB2  | SIZE: A4 | SCALE: N/A | SHEET: 1/1 | REV: A |