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| REV | DESCRIPTION OF REVISION | ECN NO. | BY | DATE | APPROVED |
|-----|-------------------------|---------|-----------|---------|----------|
| A | Initial Release | — | T. Shihua | 14/9/13 | 14/9/13 |

1 Electrical

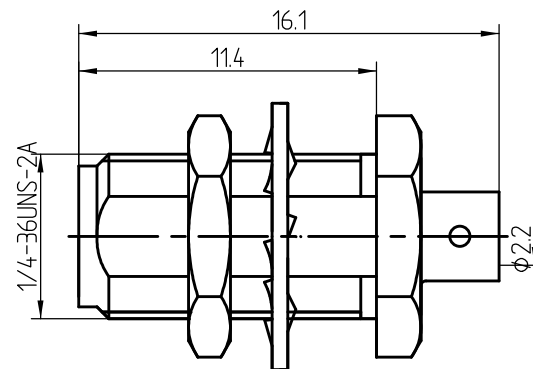
- 1.1 Impedence **50Ω**
- 1.2 Frequency **0~6GHz**
- 1.3 Dielectric withstanding voltage **1000V(volts RMS)**
- 1.4 Center contact resistance **≤ 3MΩ**
- 1.5 Outer contact resistance **≤ 2MΩ**
- 1.6 Insulation resistance: **≥5000MΩ**

2 Environmental&Mechanical

- 2.1 Temperature range **-45℃~85℃**
- 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**
- 3.4 Washer: **Brass, Gold plated**
- 3.5 Hex Nut: **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 14/9/13 | TITLE: RF Coaxial Connector SMA Female bulkhead Conn. For .086 cable |  [®] www.trl-rf.com | | | |
| ENGINEER: C. Tao 14/9/13 | | | | | |
| APPROVED: W. Qiang 14/9/13 | |  DIMENSION IN MILLIMETERS (mm) | | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED X ±0.50 X ±0.20 XX ±0.10 ANGLES ±1° | PART NO: SMA-KYB2 | SIZE: A4 | SCALE: N/A | SHEET: 1/1 | REV: A |