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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

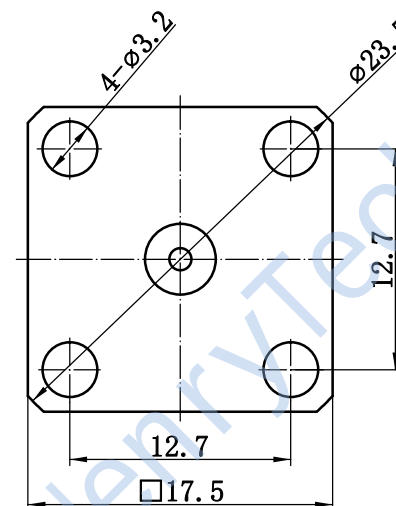
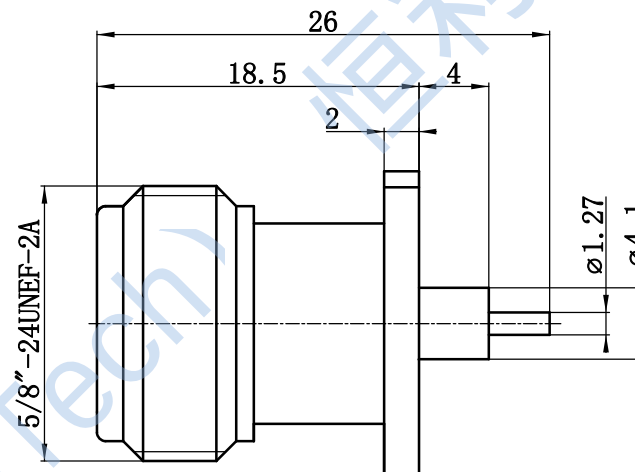
|                                     |                           |
|-------------------------------------|---------------------------|
| 1.1 Impedence                       | 50 $\Omega$               |
| 1.2 Frequency                       | DC-11GHz                  |
| 1.3 Dielectric withstanding voltage | 1500V(volts RMS)          |
| 1.4 Center contact resistance       | $\leq 1\text{M}\Omega$    |
| 1.5 Outer contact resistance        | $\leq 0.2\text{M}\Omega$  |
| 1.6 Insulation resistance:          | $\geq 5000\text{M}\Omega$ |

### 2 Environmental&Mechanical

|                       |             |
|-----------------------|-------------|
| 2.1 Temperature range | -55℃~125℃   |
| 2.2 RoHs Compliant    |             |
| 2.3 Durability        | >500 cycles |

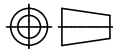
### 3 Materials&Finish

|                  |                      |
|------------------|----------------------|
| 3.1 Body:        | Brass, Nickel-plated |
| 3.2 Insulator:   | Teflon               |
| 3.3 Contact Pin: | Bronze, gold plated  |



### Notes:

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

|                                                                                                                   |                                        |                                                                                                                     |            |            |
|-------------------------------------------------------------------------------------------------------------------|----------------------------------------|---------------------------------------------------------------------------------------------------------------------|------------|------------|
| DRAWN: H.wei 19/03/17                                                                                             | TITLE:                                 |                                |            |            |
| ENGINEER: L.yu 19/03/17                                                                                           | RF Coaxial Connector                   |                                                                                                                     |            |            |
| APPROVED: W.yi 19/03/17                                                                                           | N Female Straight Flange Connconnector |  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: HL-N-KFD1003                  | SIZE: A4                                                                                                            | SCALE: N/A | SHEET: 1/1 |
|                                                                                                                   |                                        |                                                                                                                     |            | REV: A     |