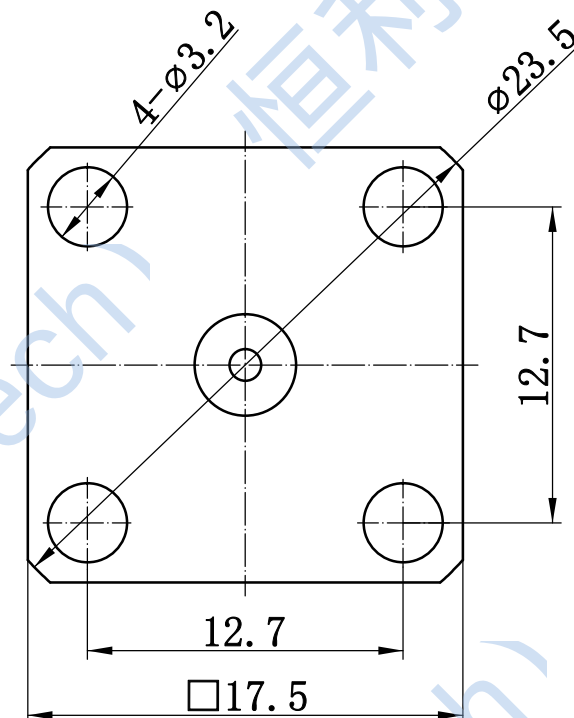
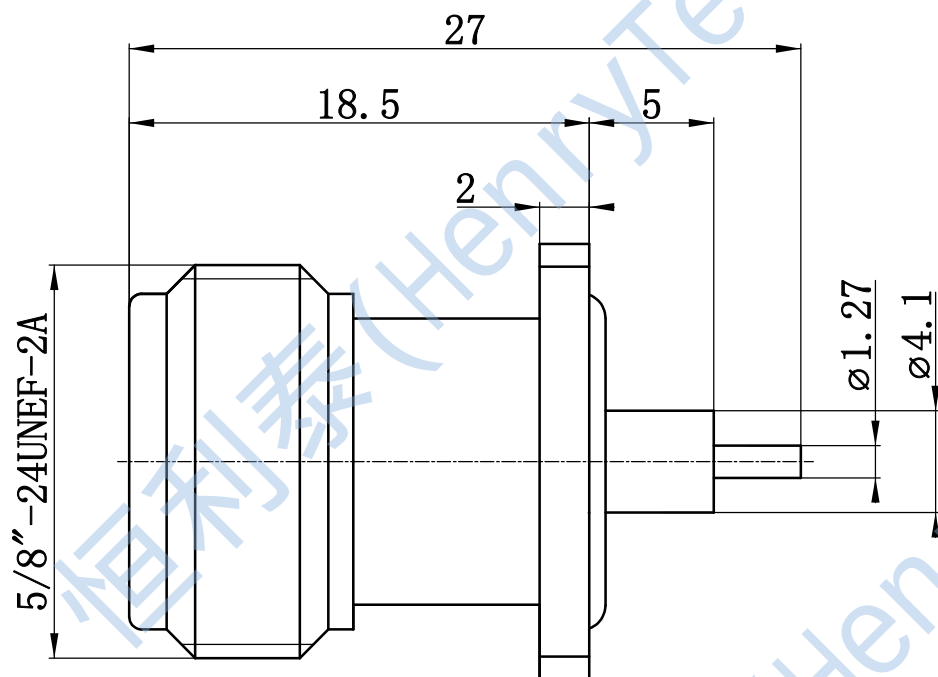


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| REV | DESCRIPTION OF REVISION | ECN NO. | BY    | DATE     | APPROVED |
|-----|-------------------------|---------|-------|----------|----------|
| A   | Initial Release         |         | H.wei | 19/03/17 | 19/03/17 |



### 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°C~125°C |
| 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  |
| 3.4 Gasket:      | Silicon Rubber       |

### Notes:

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

|                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------|
| DRAWN: H.wei 19/03/17                                                                                             |
| ENGINEER: L.yu 19/03/17                                                                                           |
| APPROVED: W.yi 19/03/17                                                                                           |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>X $\pm 0.50$<br>.X $\pm 0.20$<br>.XX $\pm 0.10$<br>ANGLES $\pm 1^\circ$ |

TITLE:  
RF Coaxial Connector  
N Female Straight Flange Connector

PART NO: HL-N-KFD1005M



DIMENSION IN MILLIMETERS (mm)

SIZE: A4 SCALE: N/A SHEET: 1/1 REV: A