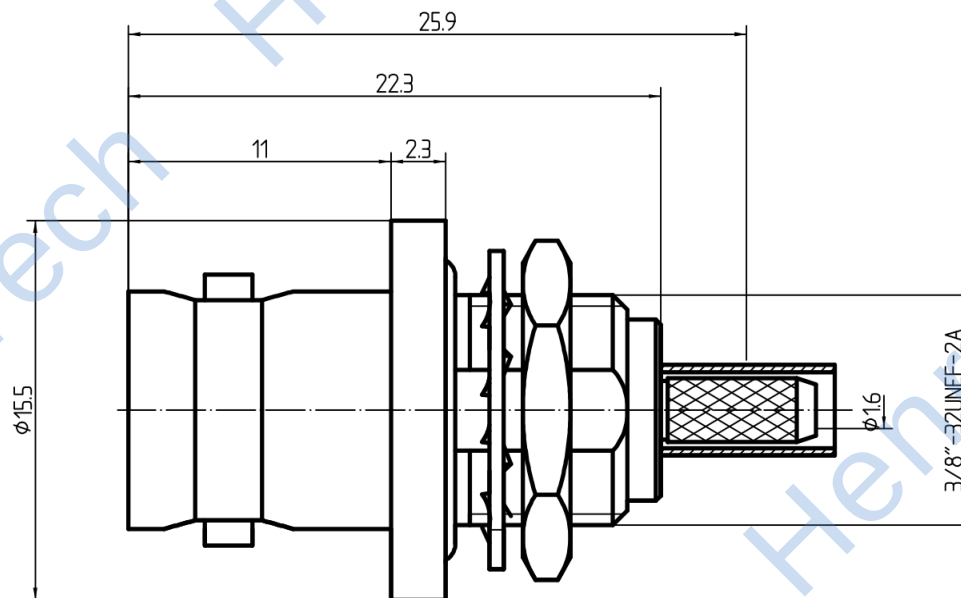
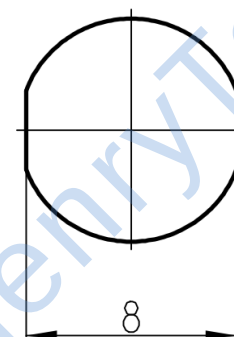


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| REV | DESCRIPTION OF REVISION | ECN NO. | BY    | DATE     | APPROVED |
|-----|-------------------------|---------|-------|----------|----------|
| A   | Initial Release         | —       | H.wei | 19/03/17 | 19/03/17 |



Recommended Mounting Hole



### 1 Electrical

|                                     |                           |
|-------------------------------------|---------------------------|
| 1.1 Impedance                       | 50 $\Omega$               |
| 1.2 Frequency                       | DC~4GHz                   |
| 1.3 Dielectric withstanding voltage | 1500V(volts RMS)          |
| 1.4 Center contact resistance       | $\leq 1.5\text{M}\Omega$  |
| 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 | -40℃~+85℃   |
| 2.2 RoHs Compliant    |             |
| 2.3 Durability        | >500 cycles |

### 3 Materials&plating

|                  |                             |
|------------------|-----------------------------|
| 3.1 Body:        | Brass; Nickel plated        |
| 3.2 Insulator:   | Teflon                      |
| 3.3 Contact Pin: | Bronze Gold plated          |
| 3.4 Nut:         | Brass, Nickel plated        |
| 3.5 Gasket:      | Silicon Rubber ( red color) |
| 3.6 Washer       | Brass, Nickel plated        |

### 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 |
| X $\pm 0.50$                          |
| .X $\pm 0.20$                         |
| .XX $\pm 0.10$                        |
| ANGLES $\pm 1^\circ$                  |

TITLE:  
RF Coaxial Connector  
BNC Female B/H Conn. for  
RG316 Cable

PART NO: HL-BNC-KY3YB-HY



DIMENSION IN MILLIMETERS (mm)

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