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| REV | DESCRIPTION OF REVISION | TRL NO. | BY        | DATE       | APPROVED   |
|-----|-------------------------|---------|-----------|------------|------------|
| A   | Initial Release         | —       | T. Shihua | 27/08/2022 | 27/08/2022 |

### 1 Electrical

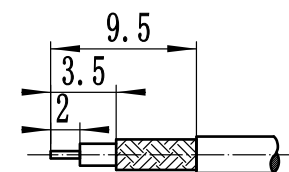
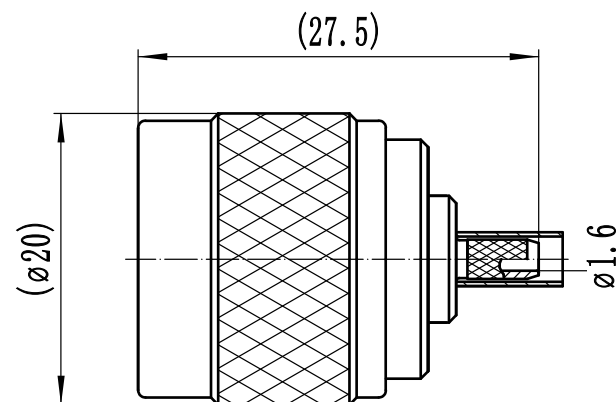
- 1.1 Impedance:  $50\ \Omega$
- 1.2 Frequency: DC~6.0GHz
- 1.3 VSWR:  $\leq 1.30$
- 1.4 Insulation resistance:  $\geq 5000M\ \Omega$
- 1.5 Dielectric strength: 1500V

### 2 Mechanical&Environmental

- 2.1 Temperature range  $-55^{\circ}\text{C} \sim +155^{\circ}\text{C}$
- 2.2 Durability(matings)  $>500$
- 2.3 RoHs Compliant Yes

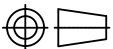
### 3 Material&Finish

- 3.1 Pin contact: Brass, Gold plated
- 3.2 Body: Brass, Nickel plated
- 3.3 Nut: Brass, Nickel plated
- 3.4 Insulators: PTFE



#### Notes:

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

|                                                                                                                    |                                                                       |                                                                                                                                                                     |            |            |         |
|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|---------|
| DRAWN: T. Shihua 02/09/2022                                                                                        | TITLE<br><br>RF Coaxial Connector<br><br>N Male Crimp For RG316 Cable | <br><a href="http://www.rf-connector-china.com">www.rf-connector-china.com</a> |            |            |         |
| ENGINEER: C. Tao 02/09/2022                                                                                        |                                                                       |                                                                                                                                                                     |            |            |         |
| APPROVED: W. Qiang 02/09/2022                                                                                      |                                                                       |  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: N-J3Y-F                                                      | SIZE: A4                                                                                                                                                            | SCALE: 2:1 | SHEET: 1/1 | REV: VA |