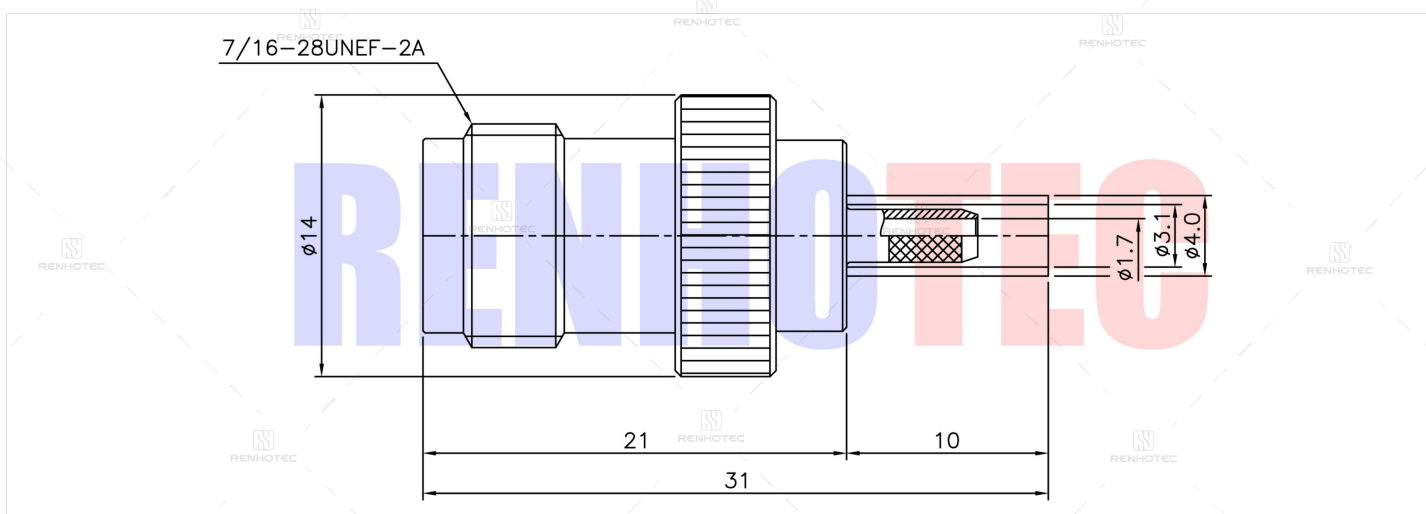


## TNC Female Crimp Connector Crimp Type Straight for Cable RG316 - RHT-615-0211



### Drawing



## Basic Information

|                         |             |
|-------------------------|-------------|
| <b>Polarity</b>         | Standard    |
| <b>Cable Type</b>       | RG316       |
| <b>Fastening Type</b>   | Threaded    |
| <b>Mounting Feature</b> | Bulkhead    |
| <b>Mounting Type</b>    | Cable Mount |
| <b>Number of Ports</b>  | 1           |
| <b>Orientation</b>      | Straight    |

## Environmental Specification

|                          |                 |
|--------------------------|-----------------|
| <b>Temperature Range</b> | -55°C to +155°C |
|--------------------------|-----------------|

## Mechanical Specification

|                          |              |
|--------------------------|--------------|
| <b>Mating Durability</b> | ≥ 500 Cycles |
|--------------------------|--------------|

## Material Specification

|                           |       |
|---------------------------|-------|
| <b>Shield Termination</b> | Crimp |
|---------------------------|-------|

## Material and Finish

| Component Description | Material | Finish        |
|-----------------------|----------|---------------|
| Shell                 | Brass    | Nickel Plated |
| Insulator             | PTFE     |               |
| Center Contact        | BeCu     | Gold Plated   |

## Impedance Testing

|                  |        |
|------------------|--------|
| <b>Impedance</b> | 50 ohm |
|------------------|--------|

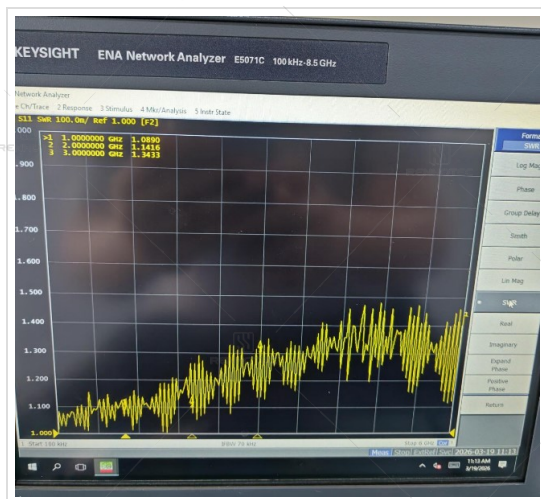
### Frequency & VSWR Test Report

Frequency Range

DC-11GHz

VSWR:1.3: 1@2GHz

2.0@11GHz



### Contact Resistance Test

Contact Type

Female Pin

Center Contact Resistance

1.5 MΩ Max

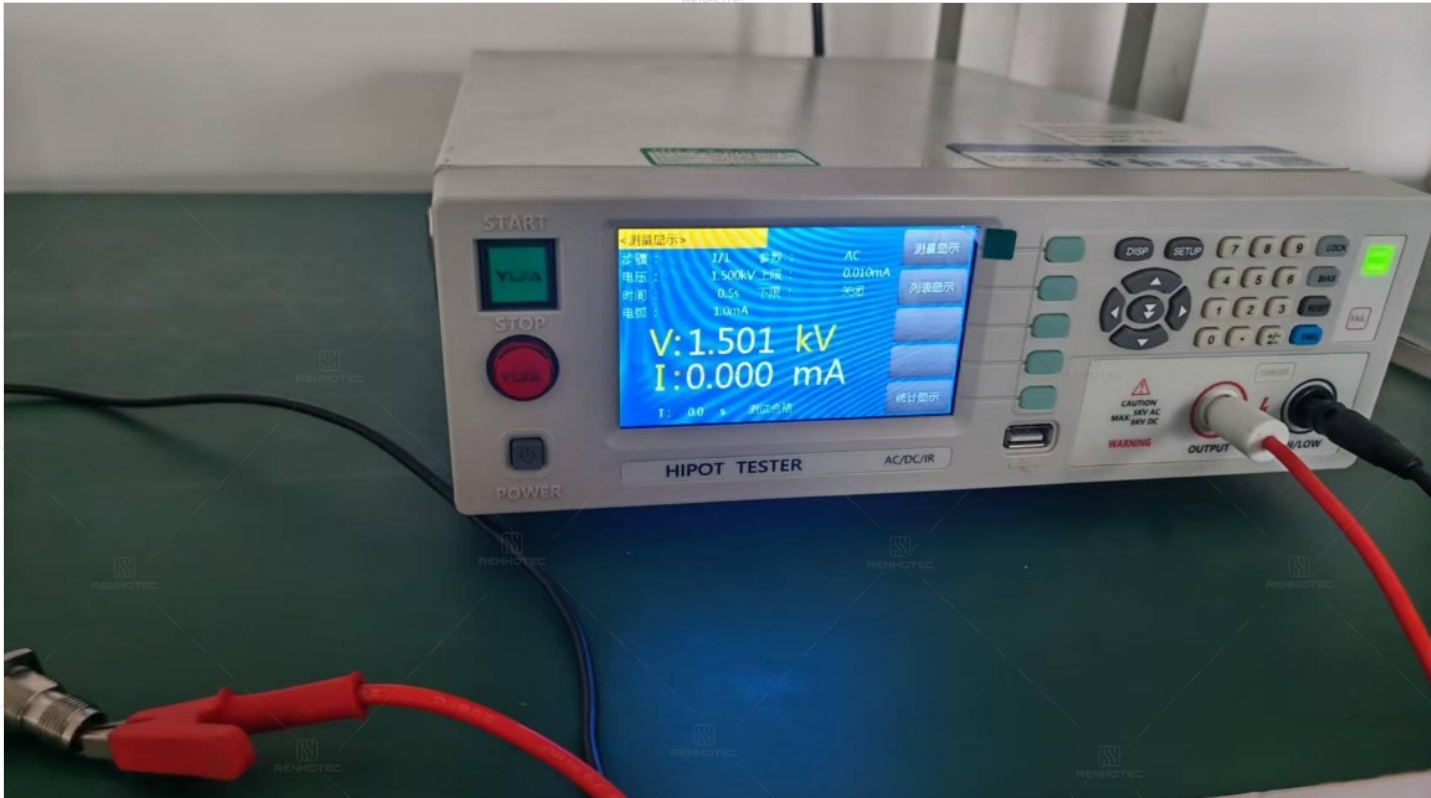
Outer Contact Resistance

0.2 MΩ Max



## Working Voltage & Insulation Resistance Test

|                       |                            |
|-----------------------|----------------------------|
| Working Voltage       | 335 V rms                  |
| Insulation Resistance | $\geq 5000\text{ M}\Omega$ |



## Version History

| REV | Date     | Revise Contents         | Drafter | Approver |
|-----|----------|-------------------------|---------|----------|
| A.0 | 2026.9.9 | The initial formulation | Esther  | Joson    |

## Disclaimer

The information in this specification is subject to change without notice. Please confirm the latest version before use. Technical parameters are for reference only, and sufficient testing and verification should be conducted in actual applications.