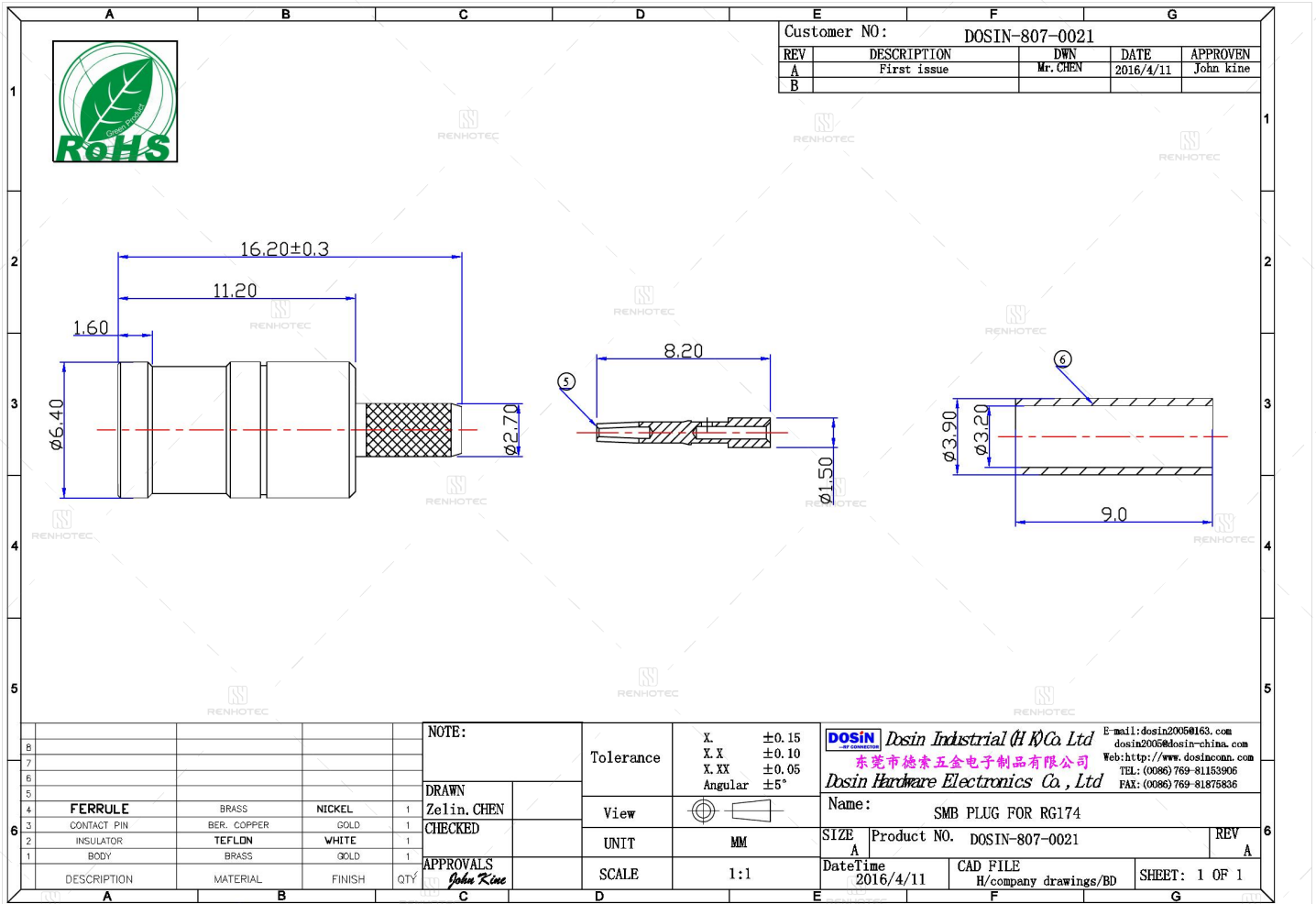


## SMB Connector Straight Plug Crimp Type RG174 Cable 50 Ohm - RHT-626-0003



### Drawing



## Basic Information

|                 |             |
|-----------------|-------------|
| Connector Type  | Plug        |
| RF Series       | SMB Type    |
| Fastening Type  | Snap On     |
| Cable Type      | RG174       |
| Mounting Type   | Cable Mount |
| Number of Ports | 1           |
| Orientation     | Straight    |

## Mechanical Specification

|                           |              |
|---------------------------|--------------|
| Contact Termination Style | Solder       |
| Mating Durability         | ≥ 500 Cycles |

## Environmental Specification

|                   |                 |
|-------------------|-----------------|
| Temperature Range | -65°C to +165°C |
|-------------------|-----------------|

## Material Specification

|                    |       |
|--------------------|-------|
| Shield Termination | Crimp |
|--------------------|-------|

## Material and Finish

| Component Description | Material     | Finish      |
|-----------------------|--------------|-------------|
| Shell                 | Copper Alloy | Gold Plated |
| Center Contact        | Brass        | Gold Plated |
| Insulator             | Teflon White |             |

## Impedance Testing

|           |        |
|-----------|--------|
| Impedance | 50 ohm |
|-----------|--------|

## Frequency & VSWR Test Report

Frequency Range

6GHz



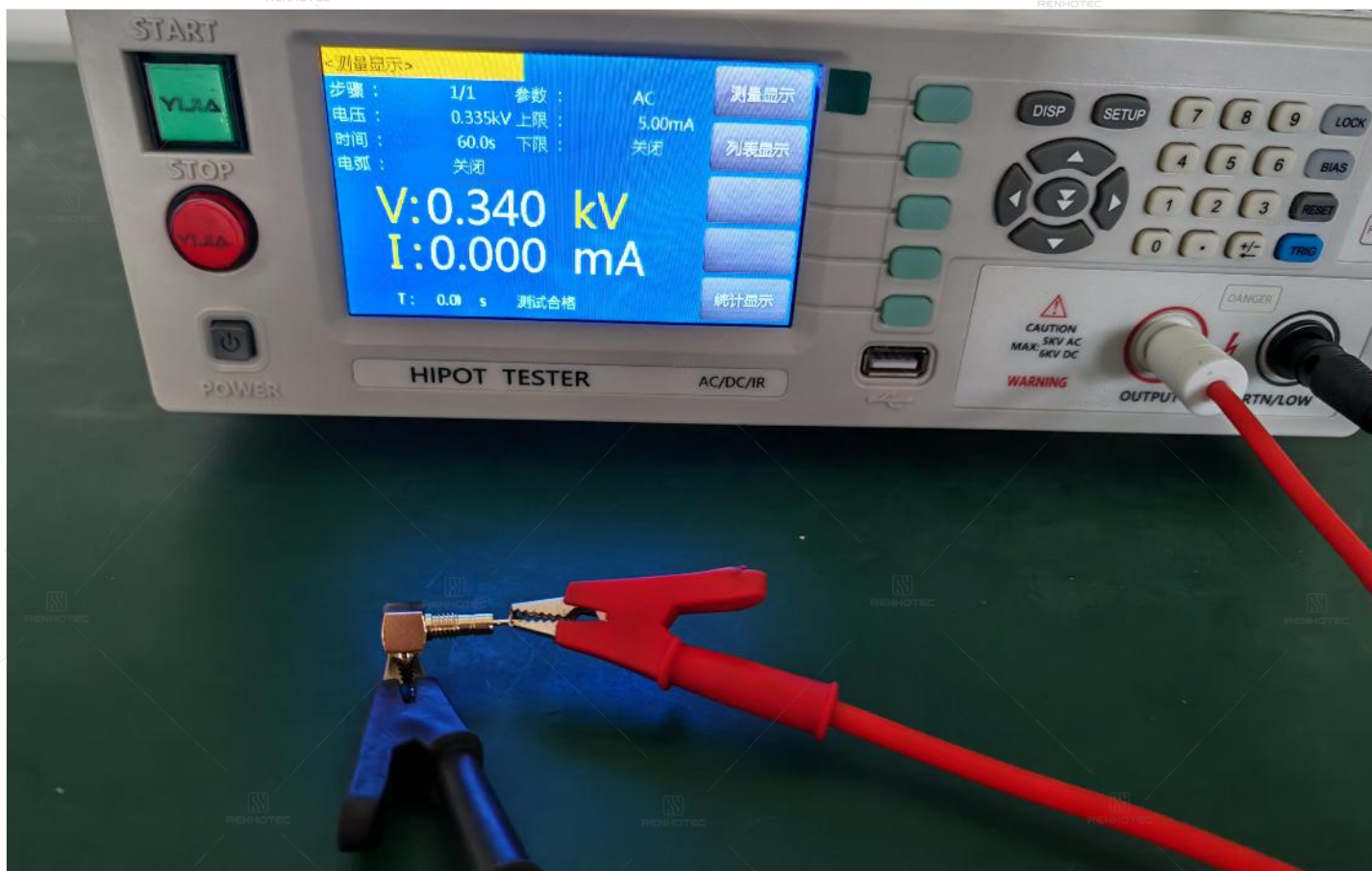
## Contact Resistance Test

|                           |            |
|---------------------------|------------|
| Contact Type              | Female Pin |
| Center Contact Resistance | 6 MΩ Min   |
| Outer Contact Resistance  | 1 MΩ Min   |



## Working Voltage & Insulation Resistance Test

|                                 |               |
|---------------------------------|---------------|
| Dielectric Withstanding Voltage | 1000 VRMS Max |
| Insulation Resistance           | ≥1000MΩ       |



**Version History**

| REV | Date      | Revise Contents         | Drafter | Approver |
|-----|-----------|-------------------------|---------|----------|
| A.0 | 2026.7.16 | 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.