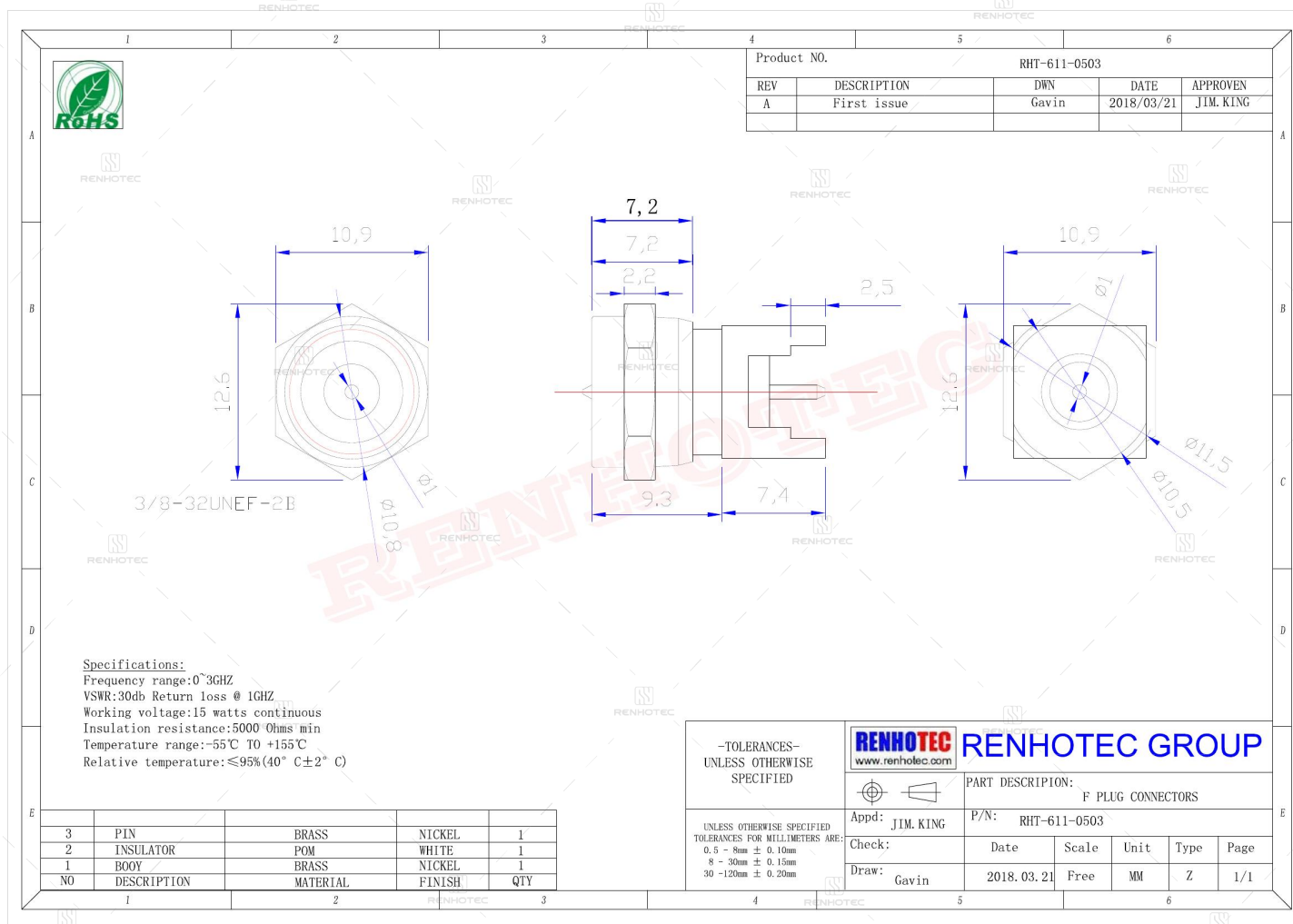


## F Type Connector Plug Straight Solder PCB Mount Through Hole - RHT-611-0503

### Drawing



### Basic Information

|                |           |
|----------------|-----------|
| Gender         | Male      |
| Port Numbers   | 1         |
| Mounting Type  | PCB Mount |
| Orientation    | Straight  |
| Fastening Type | Threaded  |

### Mechanical Specification

|               |              |
|---------------|--------------|
| Mount Feature | Through Hole |
| Termination   | Solder       |

## Environmental Specification

|                   |                 |
|-------------------|-----------------|
| Temperature Range | -55°C to +155°C |
|-------------------|-----------------|

## Material and Finish

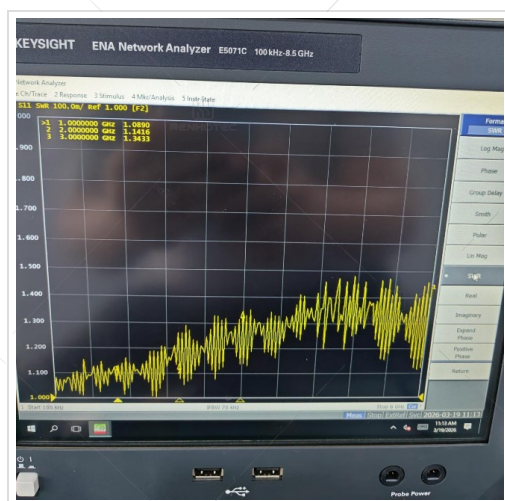
| Component Description | Material | Finish        |
|-----------------------|----------|---------------|
| Shell                 | Brass    | Nickel Plated |
| Insulator             | POM      |               |
| Center Contact        | Brass    | Gold Plated   |

## Impedance Testing

|           |        |
|-----------|--------|
| Impedance | 75 ohm |
|-----------|--------|

## Frequency & VSWR Test Report

|                 |           |
|-----------------|-----------|
| Frequency Range | 0-3GHz    |
| VSWR            | ≤ 1.2 MAX |



## Contact Resistance Test

|                           |                                            |
|---------------------------|--------------------------------------------|
| Contact Type              | Male Pin                                   |
| Center Contact Resistance | $\leq 10 \text{ M}\Omega$ (Milliohms Max.) |
| Outer Contact Resistance  | $\leq 5 \text{ M}\Omega$ (Milliohms Max.)  |



## Working Voltage & Insulation Resistance Test

|                       |               |
|-----------------------|---------------|
| Working Voltage       | 170 V rms     |
| Insulation Resistance | 5000 Ohms min |



**Version History**

| REV | Date      | Revise Contents         | Drafter | Approver |
|-----|-----------|-------------------------|---------|----------|
| A.0 | 2026.7.10 | 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.