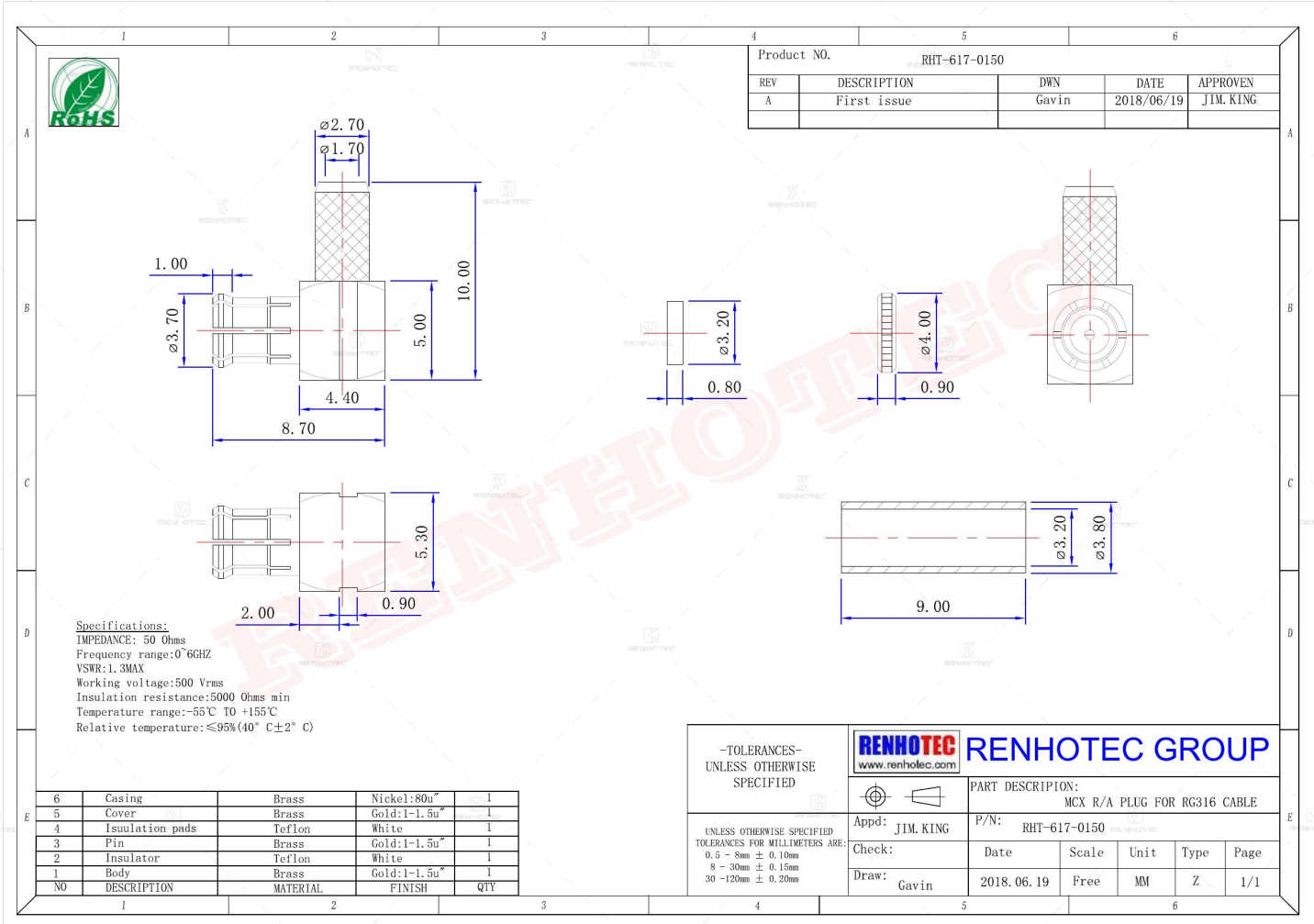
# MCX Connector Male Crimp Type RG316 Cable 50ohm - RHT-617-0150





## Drawing



## Basic Information

| | |
|---|---|
| **Cable Type** | RG316 |
| **Connector Type** | Plug |
| **Mounting Type** | Cable Mount |
| **Number of Ports** | 1 |
| **Orientation** | Right Angle |
| **Fastening Type** | Push-Pull |

## Mechanical Specification

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

## Material Specification

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

## Environmental Specification

| | |
|---|---|
| **Temperature Range** | -65°C to +165°C |
| **Corrosion Resistance** | MIL-STD-202 Meth. 101 |
| **Vibration** | MIL-STD-202 Meth. 204 |

## Material and Finish

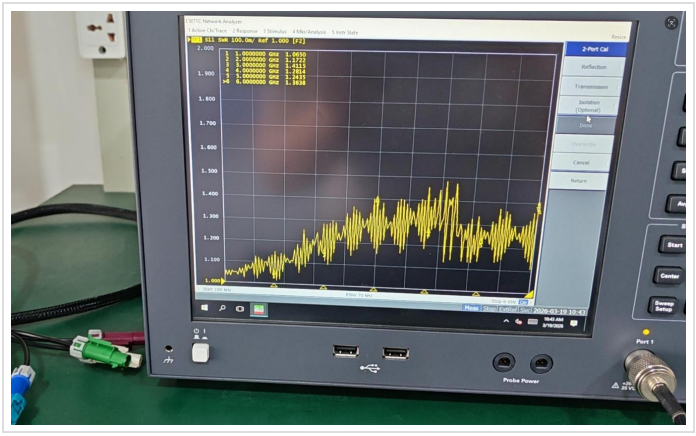
| Component Description | Material | Finish |
|---|---|---|
| Shell | Copper Alloy | Gold Plated |
| Insulator | PTFE | |
| Center Contact | Brass | Gold Plated |

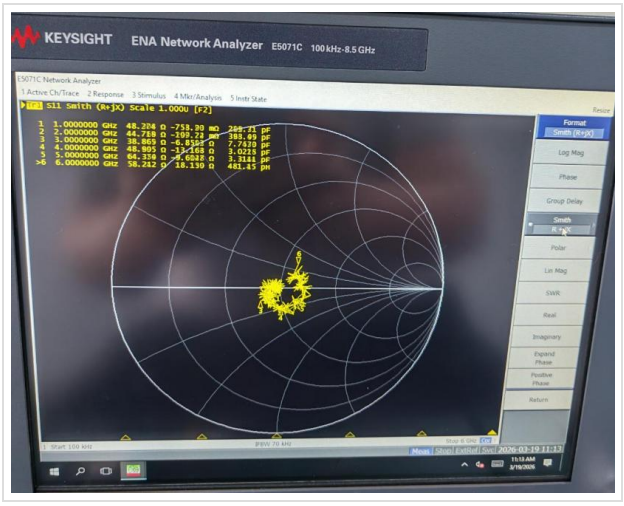
## Impedance Testing

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

## Frequency & VSWR Test Report

| | |
|---|---|
| Frequency Range | 6GHz |
| VSWR | ≤1.15 (DC to 4 GHz), ≤1.40 (4 to 6 GHz) |






## Contact Resistance Test

| | |
|---|---|
| Contact Type | Male Pin |
| Center Contact Resistance | 5 MΩ Min |
| Outer Contact Resistance | 1 MΩ Min |


## Working Voltage & Insulation Resistance Test

| | |
|---|---|
| Rated Voltage | 500 Volts RMS Max Continuous |
| Dielectric Withstanding Voltage | 1000 VRMS Max |
| Insultation Resistance | 500MΩ Min |


## Version History

| REV | Date | Revise Contents | Drafter | Approver |
|---|---|---|---|---|
| A.0 | 2026.5.13 | 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.