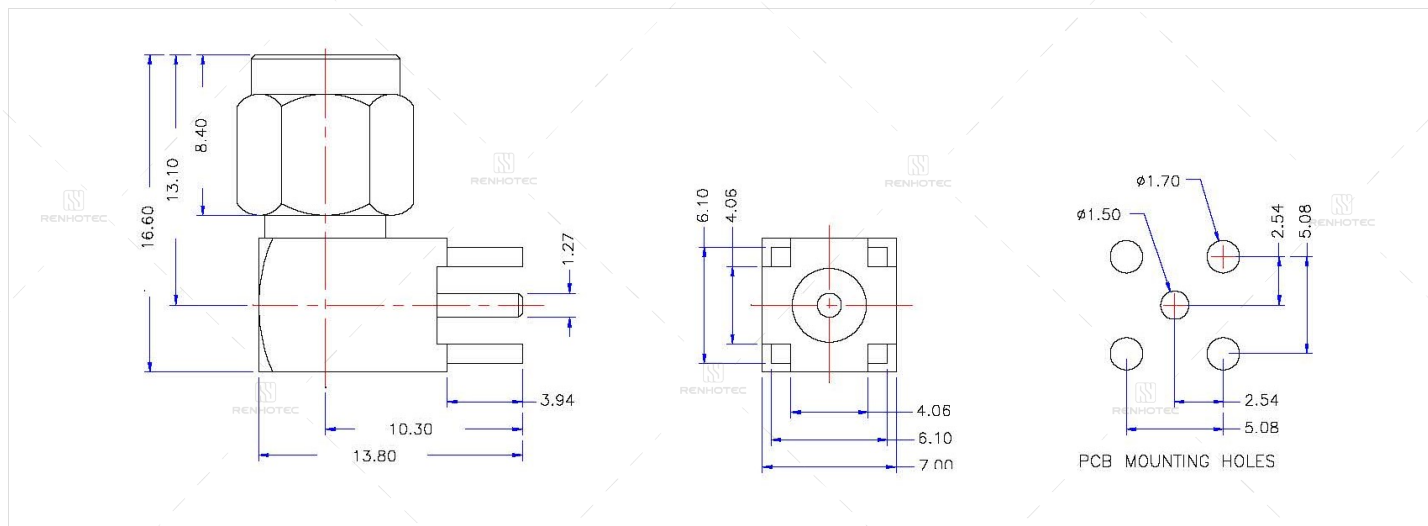


SMA Connector Right Angle Male Plug PCB Mount 50 Ohm Through Hole - RHT-612-0009



Drawing



Basic Information

Connector Type	Plug
Contact Type	Male Pin
Contact Termination Style	Solder
Fastening Type	1/4-36 Threaded
Orientation	Right Angle
Mounting Feature	Through Hole
Mounting Type	PCB Mount

Electrical Specification

Impedance	50 ohm
Frequency Range	DC-6GHz
VSWR	1.5MAX
Operating Voltage	500V rms
Contact Resistance	Centre Contact: 6mΩ Max Outer Contact: ≤ 0.2 MΩ (Milliohms Max.)

Material and Finish

Component Description	Material	Finish
Shell	Brass	Gold Plated
Insulator	PTFE	
Center Contact	Brass	Gold Plated
Washer	Brass	Gold Plated

Environmental Specification

Temperature Range	-65°C to +165°C
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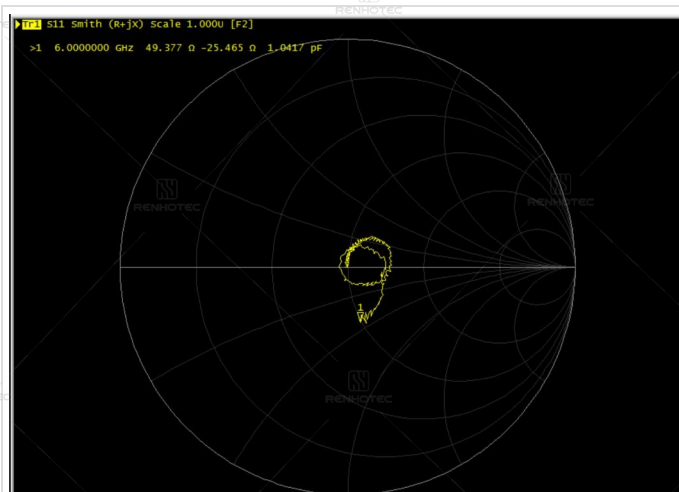
Mechanical Specification

Mating Durability	≥ 500 Cycles
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Impedance Testing

Impedance

50 ohm



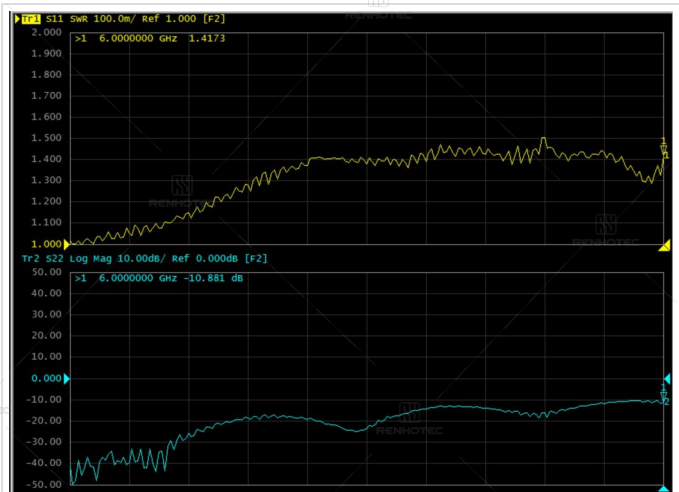
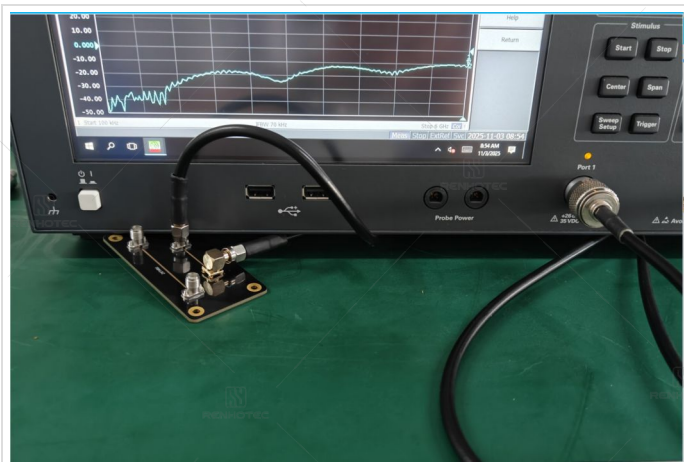
Frequency & VSWR Test Report

Frequency Range

DC-6GHz

VSWR

1.5MAX



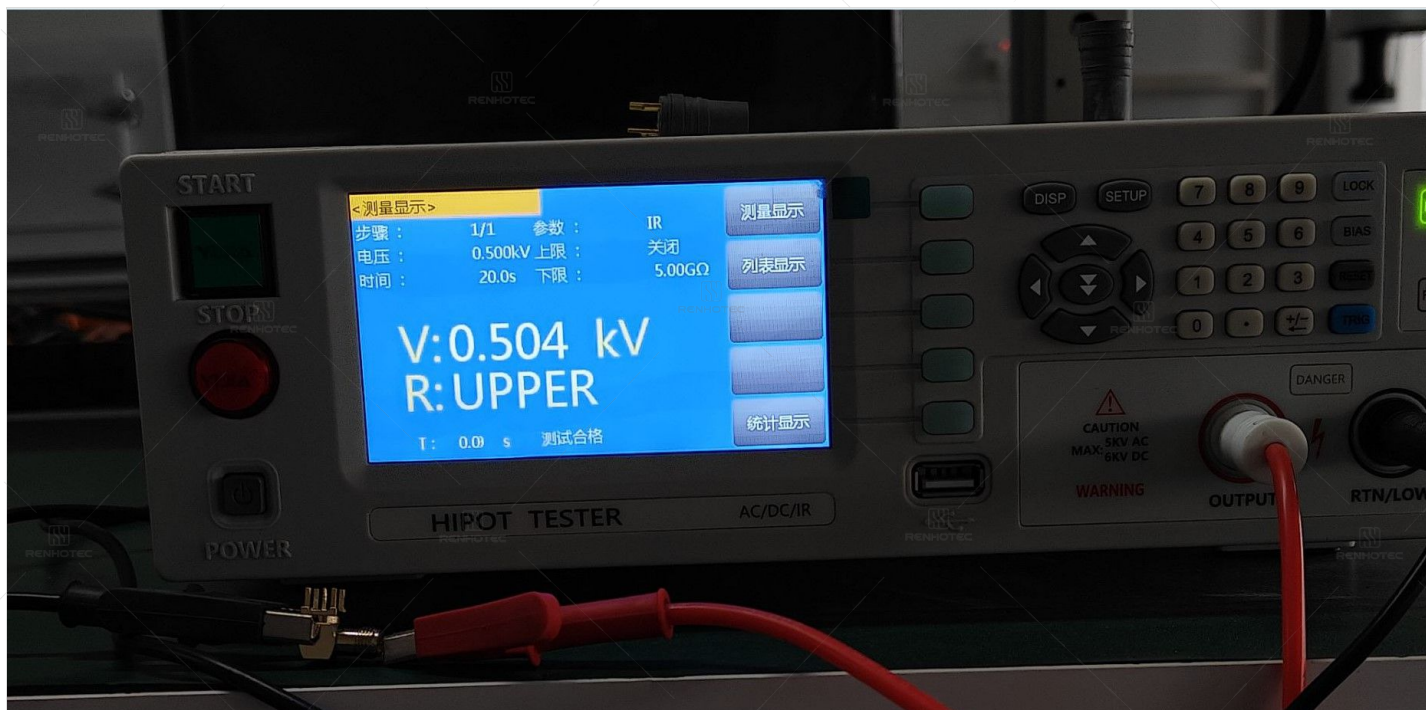
Contact Resistance Test

Contact Type	Male Pin
Center Contact Resistance	6 MΩ Max
Outer Contact Resistance	≅ 0.2 MΩ (Milliohms Max.)
Contact Termination Style	Solder



Working Voltage & Insulation Resistance Test

Rated Voltage	500V rms
Insultation Resistance	5000 Ohms min



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.