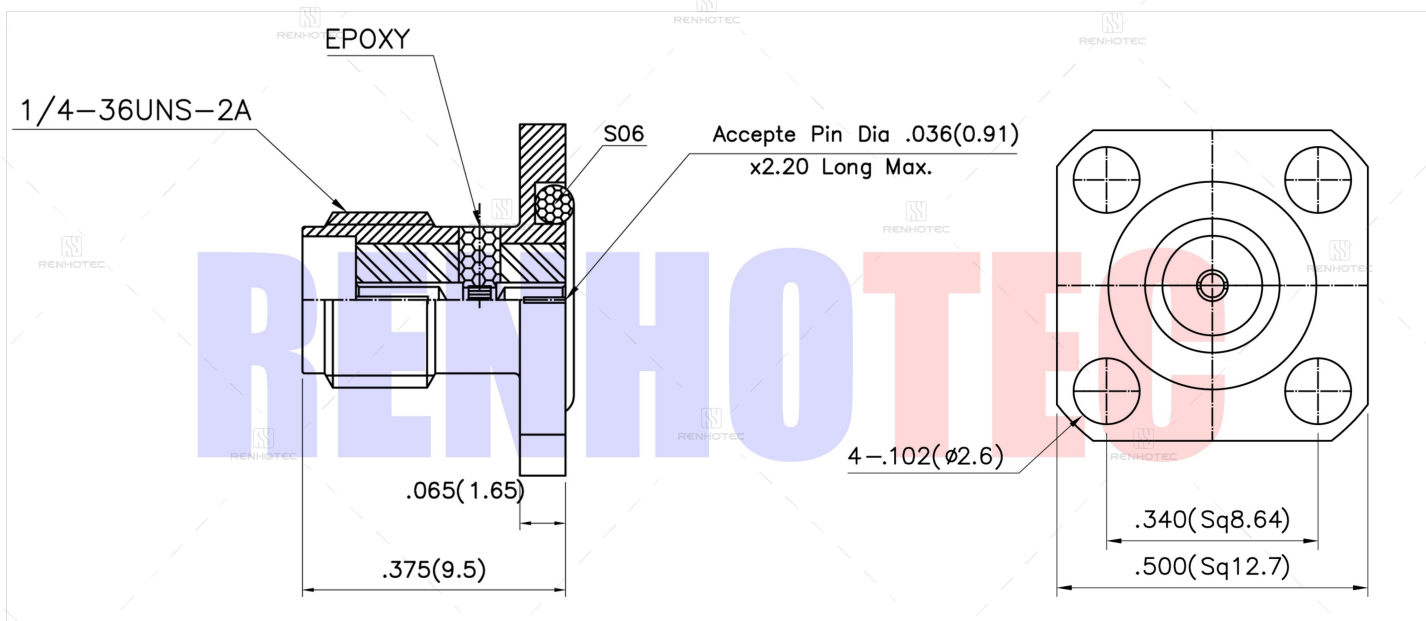


SMA Connector Female Straight Panel Mount Four Flange - RHT-612-0249



Drawing



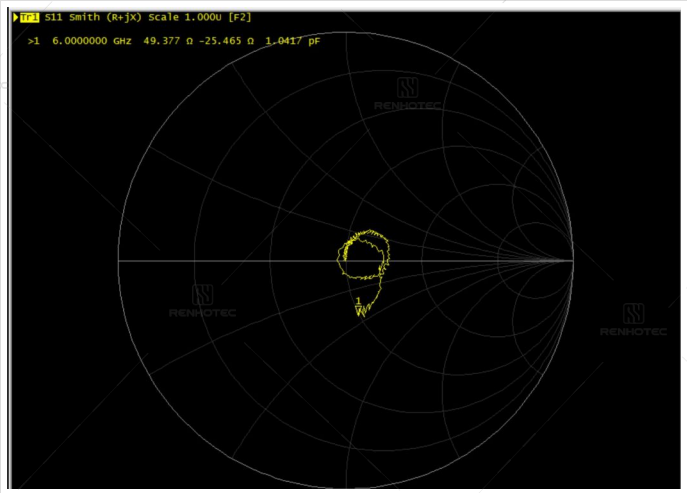
Basic Information	
Connector Type	Jack
Fastening Type	1/4-36 Threaded
Mounting Feature	4 Hole Flange
Mounting Type	Panel Mount
Orientation	Straight

Environmental Specification	
Features	Waterproof
Temperature Range	-65°C to +165°C

Mechanical Specification	
Mating Durability	≥ 500 Cycles

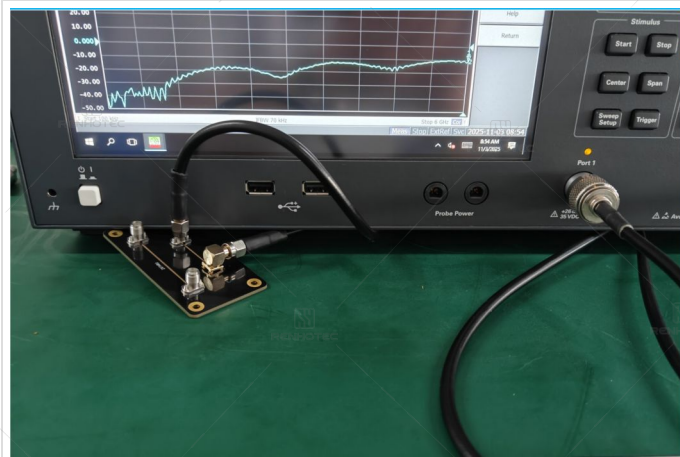
Material and Finish		
Component Description	Material	Finish
Shell	Copper Alloy	Nickel Plated
Insulator	PTFE	
Center Contact	Phosphor Bronze	Gold Plated

Impedance Testing	
Impedance	50 ohm



Frequency & VSWR Test Report

Frequency Range	DC-6GHz
VSWR	≤ 1.3 MAX



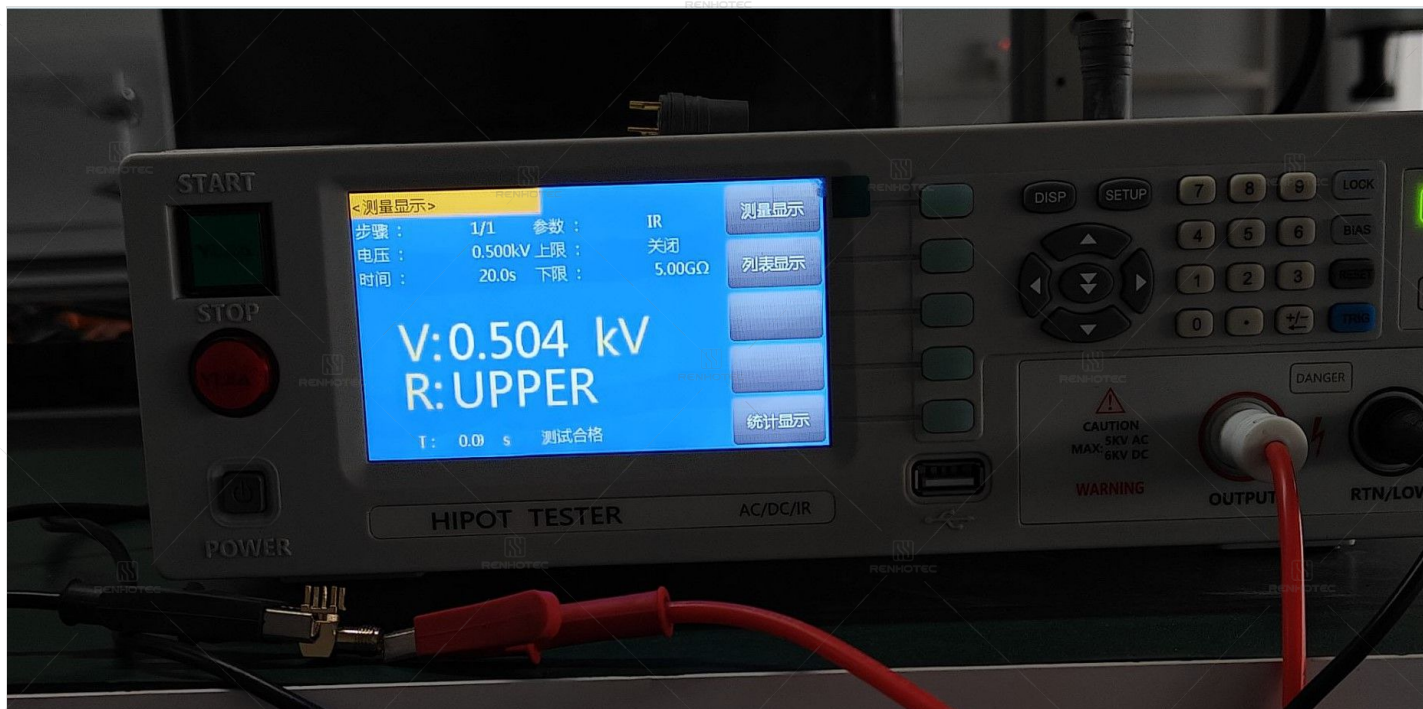
Contact Resistance Test

Contact Type	Female 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	335 Volts RMS Continuous
Insulation Resistance	$\geq 5 \times 10^3 \text{ M}\Omega$ (Megohms MIN.)



Version History

REV	Date	Revise Contents	Drafter	Approver
A.0	2026.7.22	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.