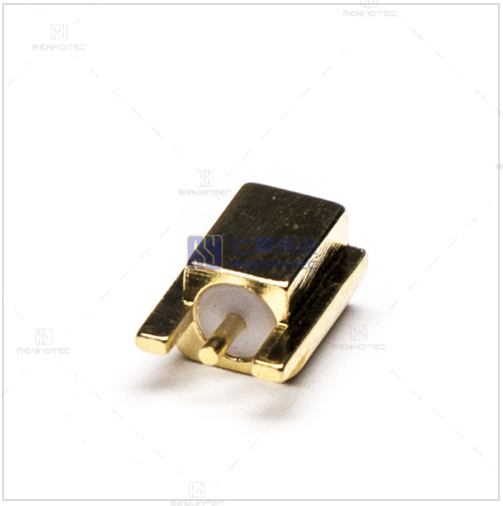
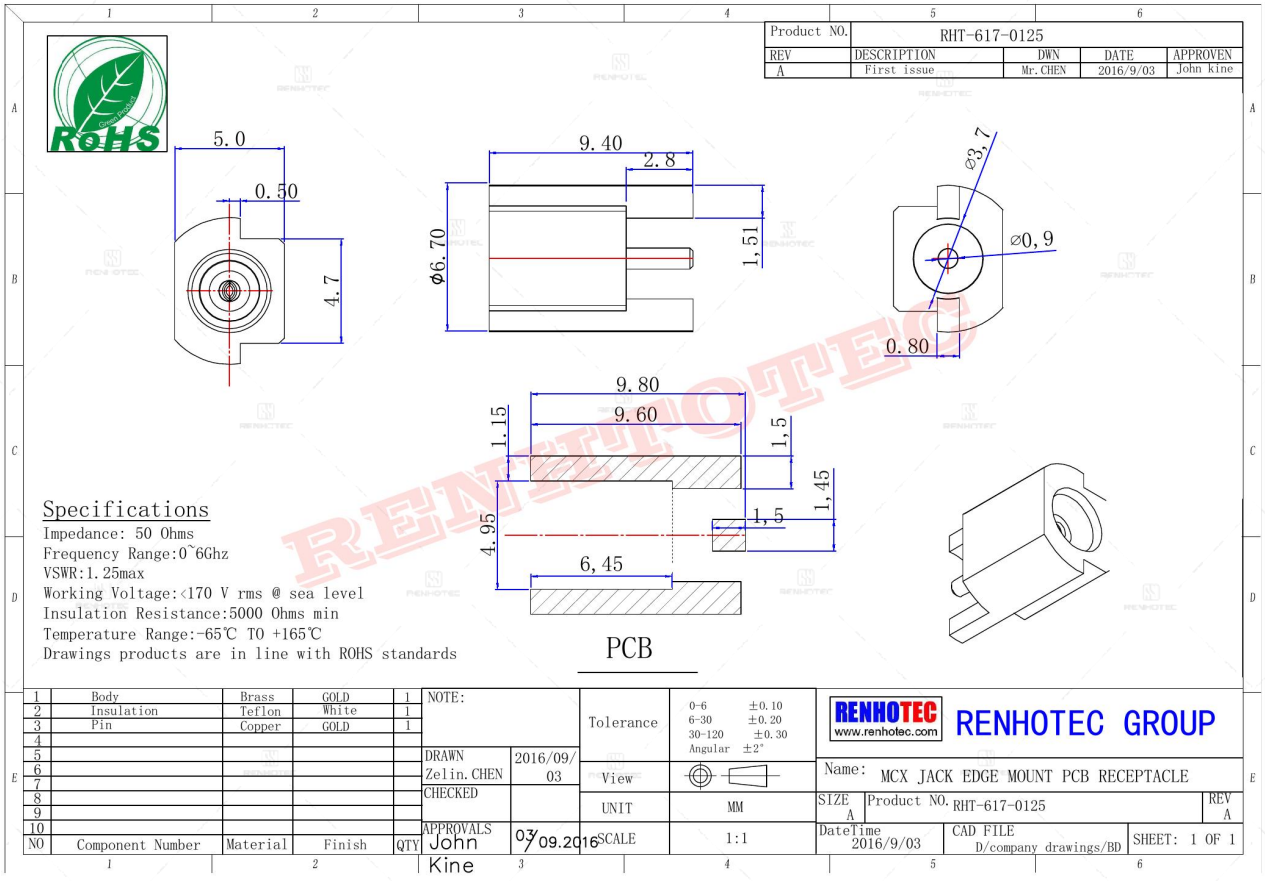
MCX Connector Jack Solder Panel Mount SMT - RHT-617-0125



Drawing



Basic Information

Connector Type	Jack
Mounting Feature	SMT
Mounting Type	Panel Mount
Number of Ports	1
Orientation	Straight
Fastening Type	Push-Pull

Mechanical Specification

Contact Termination Style	Solder
Mating Durability	≥ 500 Cycles

Material Specification

Shield Termination	Solder

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

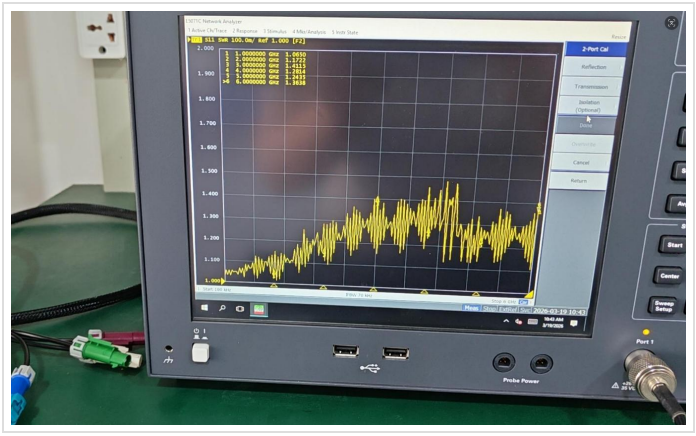
Component Description	Material	Finish
Shell	Copper Alloy	Gold Plated
Insulator	Teflon White	
Center Contact	Brass	Gold Plated

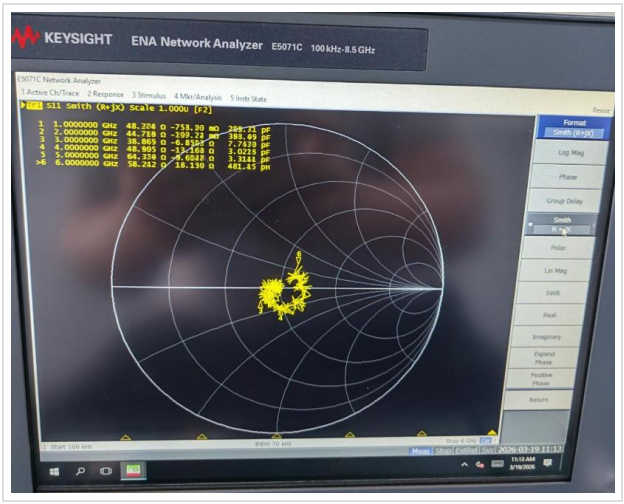
Impedance Testing

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	Female 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.