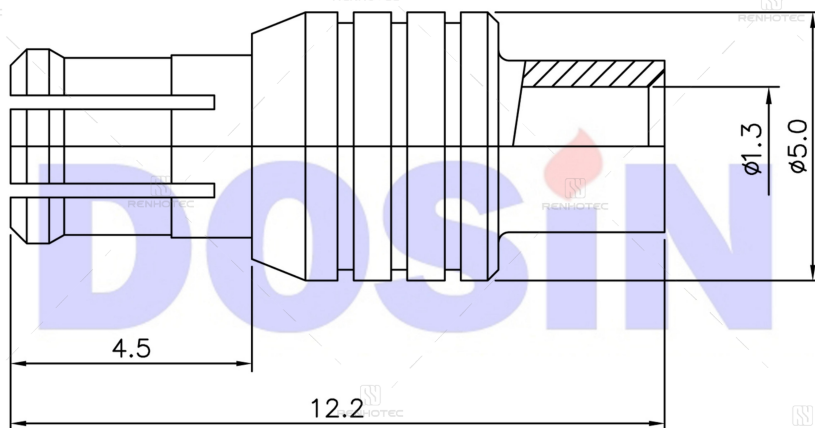


MCX Connector Male Solder UT047 Cable Type 50ohm - RHT-617-1005



Drawing



Basic Information

Connector Type	Plug
Cable Type	UT047
Fastening Type	Push-Pull
Mounting Type	Cable Mount
Number of Ports	1
Orientation	Straight
RF Series	MCX Type

Mechanical Specification

Contact Termination Style	Solder
Mating Durability	≥ 500 Cycles

Environmental Specification

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

Material Specification

Shield Termination	Solder
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Material and Finish

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

Impedance Testing

Impedance	50 ohm
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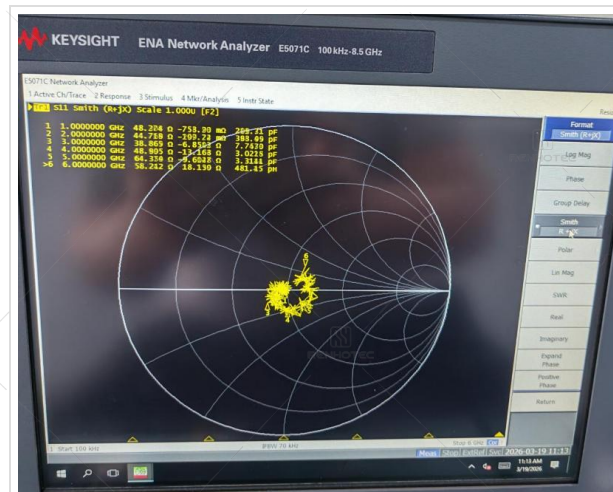
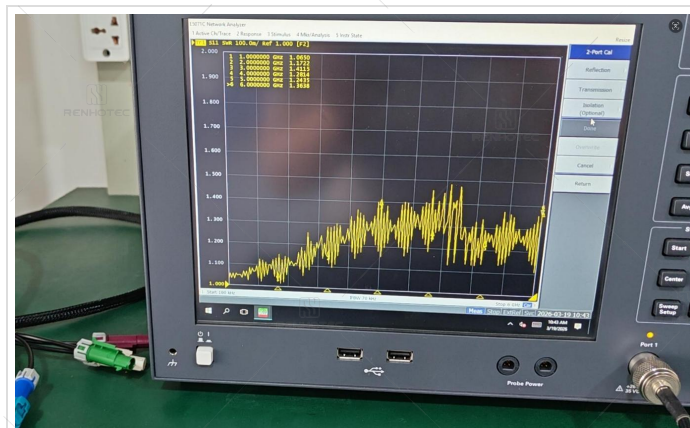
Frequency & VSWR Test Report

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
Insulation Resistance	500MΩ 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.