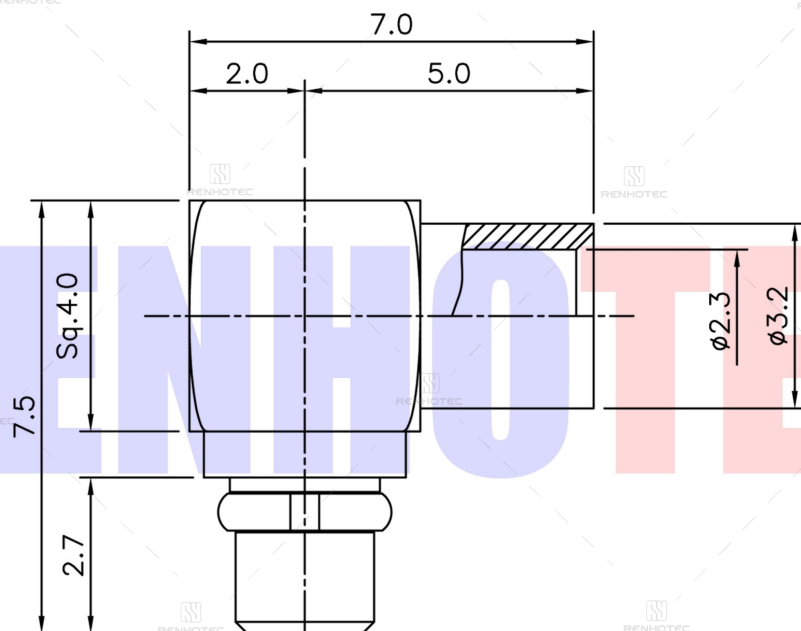


MMCX Connector Male Connector Solder Type Cable UT085 50ohm - RHT-631-0109



Drawing



Basic Information

Cable Type	UT085
Connector Type	Plug
Fastening Type	Snap On
Mounting Type	Cable Mount
Number of Ports	1.0
Orientation	Right Angle
RF Series	MMCX Type

Environmental Specification

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

Mechanical Specification

Contact Termination Style	Solder
Mating Durability	≥ 500 Cycles

Material Specification

Shield Termination	Solder
--------------------	--------

Material and Finish

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

Impedance Testing

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

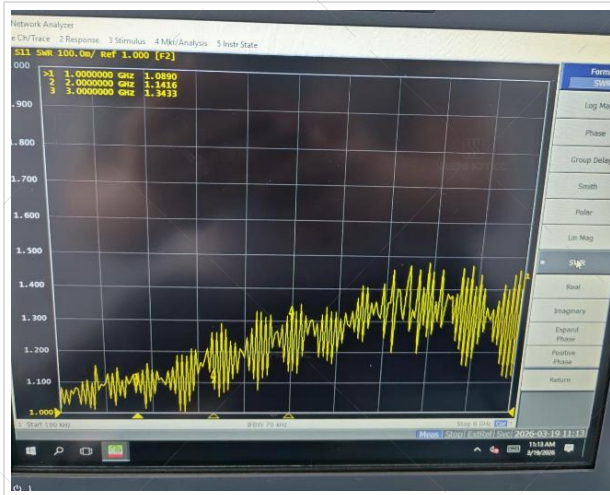
Frequency & VSWR Test Report

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
Insulation Resistance	500MΩ Min



Version History

REV	Date	Revise Contents	Drafter	Approver
A.0	2026.7.7	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.