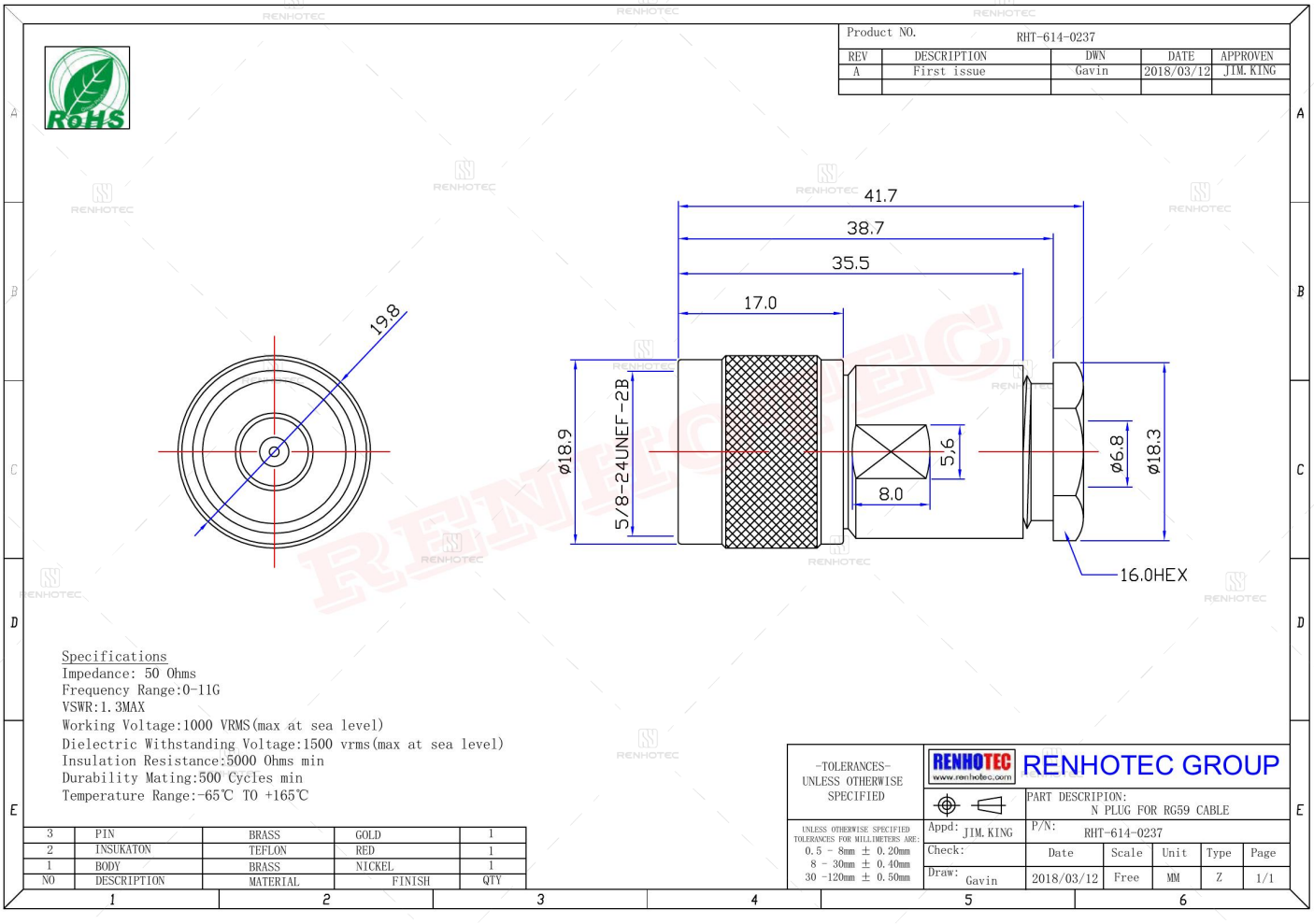
N Type Connector Jack Straight Clamp Type RG59 Cable 50ohm - RHT-614-0237





Drawing



Technical Data Sheet

N Type Connector Jack Straight Clamp Type

Basic Information

Cable Type	RG59
Connector Type	Plug
Fastening Type	Threaded
Mounting Type	Cable Mount
Number of Ports	1
Orientation	Straight
Shield Termination	Clamp

Mechanical Specification

Contact Retention	6 lbs min.
Coupling Nut Retention	30 in-lbs. MIN
Mating Durability	≥ 500 Cycles

Environmental Specification

Corrosion Resistance	MIL-STD-202 Meth. 101
Ingress Protection	IP65
Operating Temperature	-65°C to +165°C
Vibration	MIL-STD-202 Meth. 204

Electrical Specification

Dielectric Withstanding Voltage	2500 V rms
Withstand Voltage	1500V RMS Max

Material and Finish

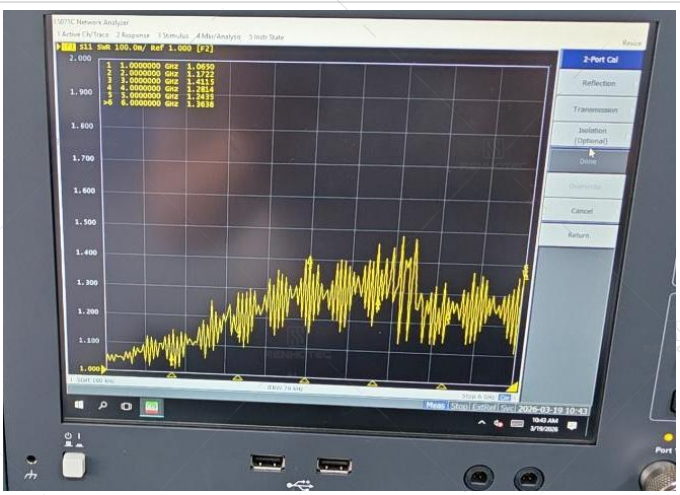
Component Description	Material	Finish
Shell	Copper Alloy	Nickel Plated
Insulator	Teflon White	
Contact	Brass	Gold Plated

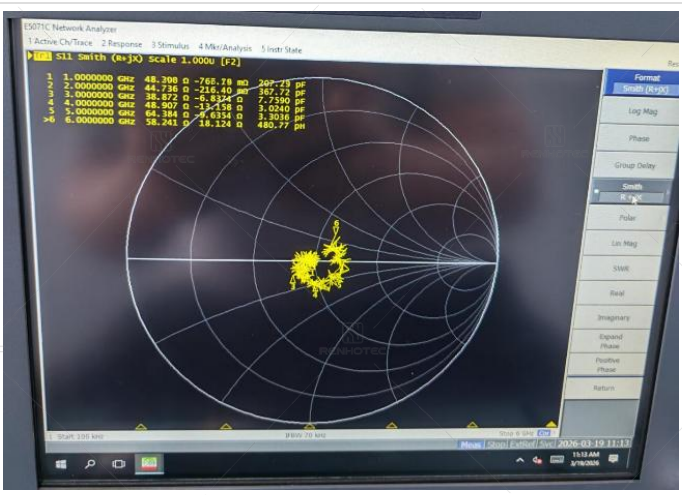
Impedance Testing

Impedance	50Ω

Frequency & VSWR Test Report

Frequency Range	DC-11 GHz
VSWR	R/A type ≤ 1.5MAX, Straight type ≤ 1.3 MAX





Contact Resistance Test

Contact Type	Male Pin
Center Contact Resistance	≦ 1.0 MΩ (Milliohms Max.)
Outer Contact Resistance	≦ 0.2 MΩ (Milliohms Max.)

Working Voltage & Insulation Resistance Test

Working Voltage	1000 V rms
Insulation Resistance	≥5 × 10^3MΩ (Megohms MIN.)

Version History

REV	Date	Revise Contents	Drafter	Approver
A.0	2026.6.18	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.