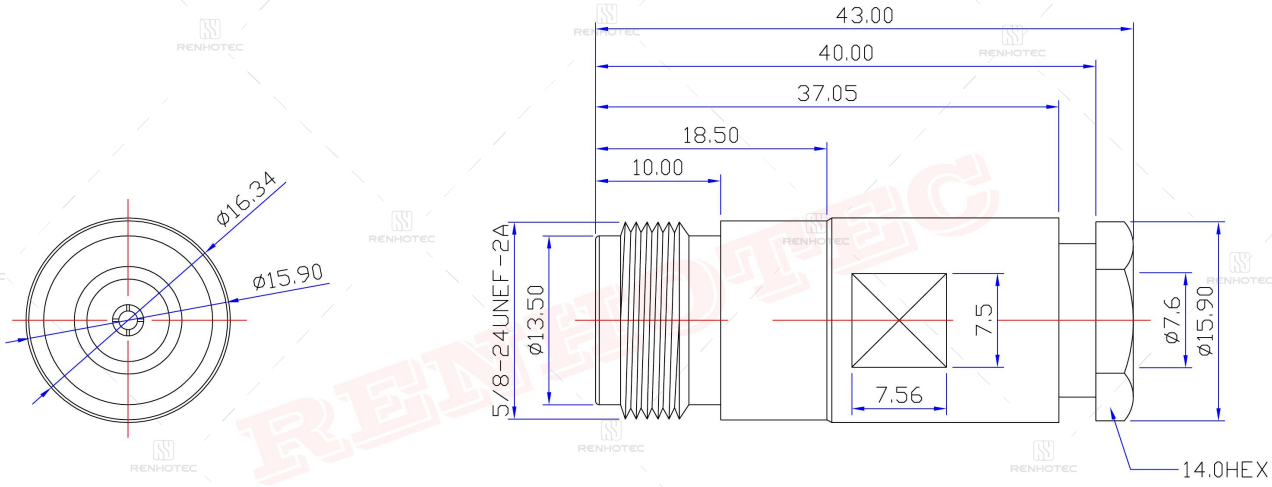
N Type Connector Jack Straight Clamp Cable Type 50ohm - RHT-614-0223

Drawing

Product NO.	RHT-614-0223			
REV	DESCRIPTION	DWN	DATE	APPROVEN
A	First issue	Gavin	2018/03/12	JIM. KING



Specifications
Impedance: 50 Ohms
Frequency Range:0-11G
VSWR:1.3MAX
Working Voltage:1000 VRMS(max at sea level)
Dielectric Withstanding Voltage:1500 vrms(max at sea level)
Insulation Resistance:5000 Ohms min
Durability Mating:500 Cycles min
Temperature Range:-65℃ TO +165℃

NO	DESCRIPTION	MATERIAL	FINISH	QTY
3	PIN	BRASS	GOLD	1
2	INSUKATON	TEFLON	WHITE	1
1	BODY	BRASS	NICKEL	1

-TOLERANCES-
UNLESS OTHERWISE SPECIFIED

UNLESS OTHERWISE SPECIFIED TOLERANCES FOR MILLIMETERS ARE:
0.5 ~ 8mm ± 0.20mm
8 ~ 30mm ± 0.40mm
30 ~120mm ± 0.50mm

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PART DESCRIPTION: N JACK FOR RG59 CABLE

Appd: JIM. KING	P/N: RHT-614-0223				
Check:	Date	Scale	Unit	Type	Page
Draw: Gavin	2018/03/12	Free	MM	Z	1/1

Basic Information

Connector Type	Jack
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

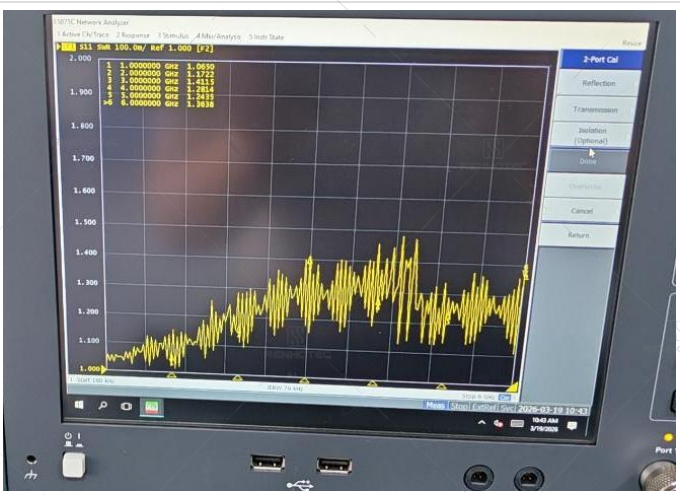
Component Description	Material	Finish
Shell	Copper Alloy	Nickel Plated
Insulator	Teflon White	
Contact	Brass	Gold Plated

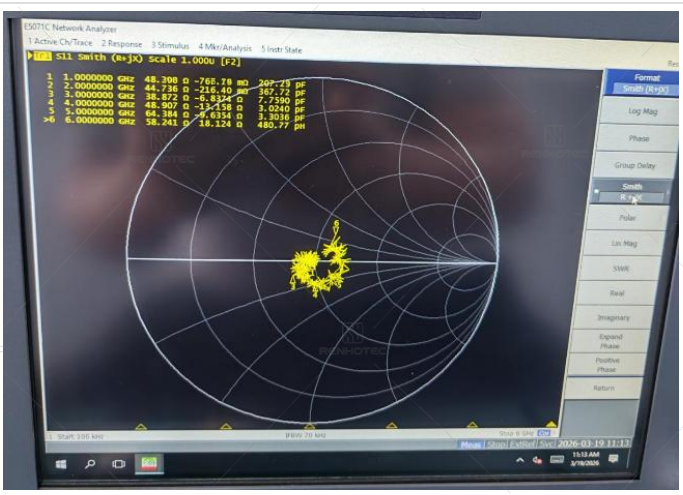
Impedance Testing

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	Female 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.