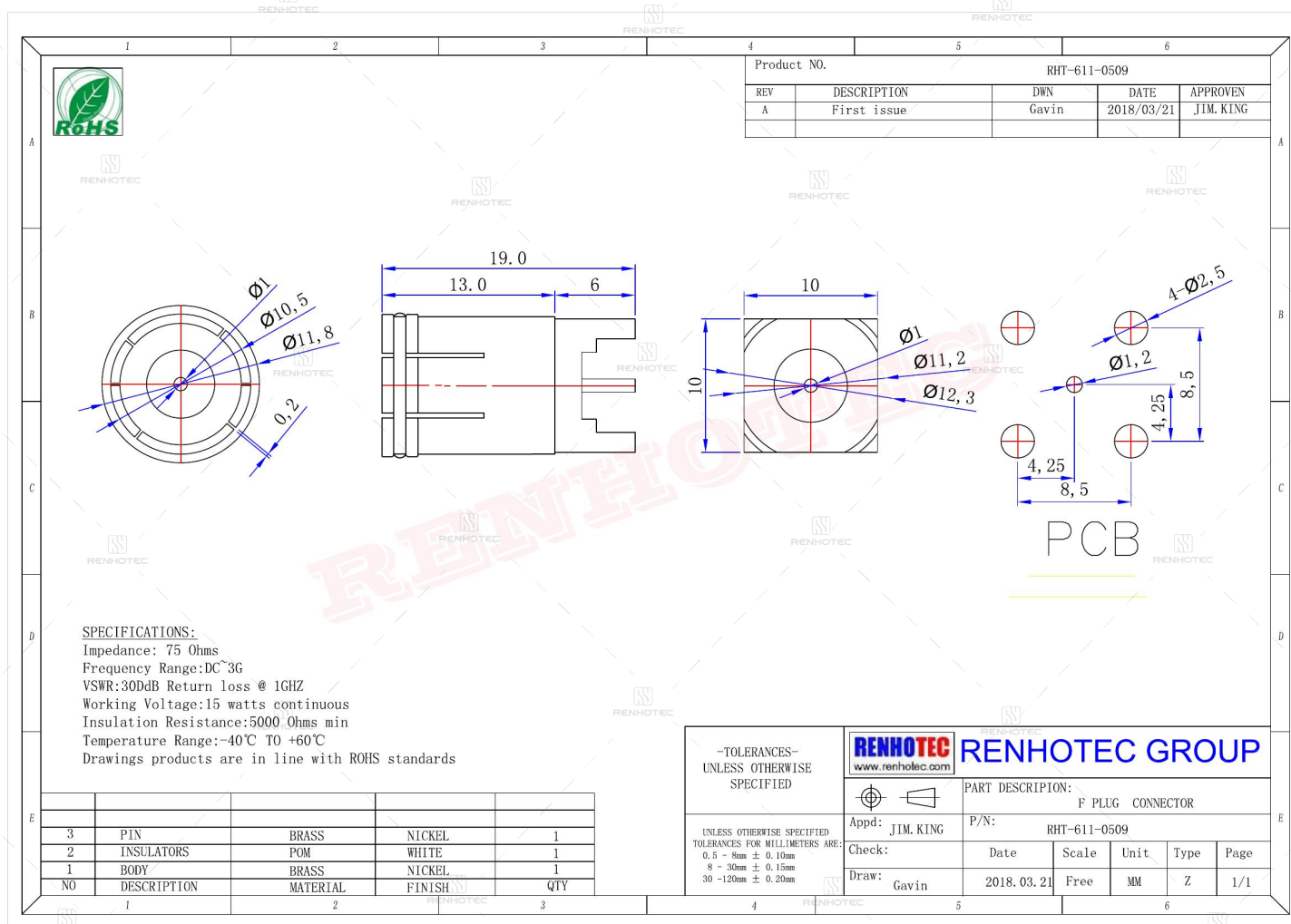


F Type Connector Plug Straight Solder PCB Mount Through Hole - RHT-611-0509

Drawing



Basic Information

Gender	Male
Port Numbers	1
Mounting Type	PCB Mount
Orientation	Straight
Fastening Type	Threaded

Mechanical Specification

Mount Feature	Through Hole
Termination	Solder

Environmental Specification

Temperature Range	-40°C to +60°C
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Material and Finish

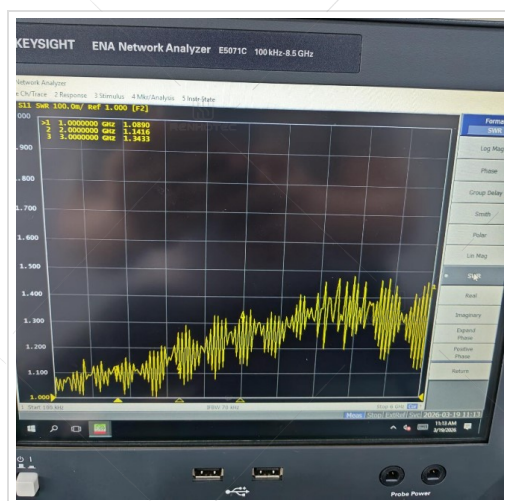
Component Description	Material	Finish
Shell	Brass	Nickel Plated
Insulator	POM	
Center Contact	Brass	Gold Plated

Impedance Testing

Impedance	75 ohm
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Frequency & VSWR Test Report

Frequency Range	DC-3GHz
VSWR	≤ 1.2 MAX



Contact Resistance Test

Contact Type	Male Pin
Center Contact Resistance	$\leq 10 \text{ M}\Omega$ (Milliohms Max.)
Outer Contact Resistance	$\leq 5 \text{ M}\Omega$ (Milliohms Max.)



Working Voltage & Insulation Resistance Test

Working Voltage	170 V rms
Insulation Resistance	5000 Ohms 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.