

## F Type Connector Straight Female Panel Mount Through Hole - RHT-611-0017



### Drawing

				Product NO. <b>Renhotec-611-0017</b>	
				REV <b>A</b>	DESCRIPTION First issue

  
  

**SPECIFICATIONS:**  
 Impedance: 75 Ohms  
 Frequency Range: DC~3G  
 VSWR: 30dB Return loss @ 1GHZ  
 Working Voltage: 15 watts continuous  
 Insulation Resistance: 5000 Ohms min  
 Temperature Range: -40°C TO +60°C  
 Drawings products are in line with ROHS standards

  

1	Body	BARSS	NI:80-120u"	NOTE:  DRAWN Zelin.Zhang 2016/03/16 CHECKED APPROVALS John Kine 16/03.2016	Tolerance	0-6 ±0.10 6-30 ±0.20 30-120 ±0.30 Angular ±2°	<b>RENHOTEK GROUP</b> www.renhotec.com
2	Insulator	PP	White		View		
3	Center contact	Phosphor	TIN:80-100u"		UNIT	MM	SIZE A Product NO. RENHOTEK-611-0017
4	Washer	Iron	NI:80-120u"		SCALE	1:1	DateTime 2016/3/16
5	Nut	Zinc	NI:80-120u"		CAD FILE	D/company drawings/BD	REV
6							SHEET: 1 OF 1
7							
8							
9							
10	Component Number	Material	Finish				

**Basic Information**

<b>Connector Type</b>	Jack
<b>Fastening Type</b>	3/8-32 Threaded
<b>Mounting Feature</b>	Through Hole
<b>Mounting Type</b>	Panel Mount
<b>Orientation</b>	Straight
<b>RF Series</b>	F Type

**Mechanical Specification**

<b>Contact Retention</b>	20 in-lbs min.
<b>Contact Termination Style</b>	Solder
<b>Mating Durability</b>	≥ 500 Cycles

**Environmental Specification**

<b>Temperature Range</b>	-40°C to +140°C
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**Material and Finish**

Component Description	Material	Finish
Shell	Copper Alloy	Nickel Plated
Insulator	Polypropylene	
Center Contact	Brass	Tin Plated

**Impedance Testing**

Impedance	75 ohm
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### Frequency & VSWR Test Report

Frequency Range	DC-1GHz
VSWR	R/A type $\leq 1.3$ MAX, Straight type $\leq 1.2$ MAX



### Contact Resistance Test

Contact Type	Female Pin
Center Contact Resistance	$\leq 10$ M $\Omega$ (Milliohms Max.)
Outer Contact Resistance	$\leq 5$ M $\Omega$ (Milliohms Max.)



### Working Voltage & Insulation Resistance Test

Insulation Resistance	≥1000MΩ
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### Version History

REV	Date	Revise Contents	Drafter	Approver
A.0	2026.4.13	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.