

F Type Connector Right Angle Jack Panel Mount Through Hole - RHT-611-0012



Drawing

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-----------|------------|--|----|-------------|-------------------|------|----|---|--------|-------------|-----|------|----------|---|-------------|----------|-----------|-----------|--|---|--|--|--|---|--|--|--|---|--|--|--|---|--|--|--|----|--|--|--|----|------------------|----------|--------|---|--|-----------|--|------|--|------|----|-------|-----|--|--|---|--|--------------------------|--|--------|-------------------------------|----------|-----------|----------|-----------------------|---------------|--|
| 1 | 2 | 3 | 4 | 5 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Product NO. | Renhotec-611-0012 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| REV | DESCRIPTION | DWN | DATE | APPROVEN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | First issue | Mr. CHEN | 2016/3/12 | John kine | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>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</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 1 | F Body | BRASS | NI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | HOLDER | IRON | SN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | SHIELD | IRON | SN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NO | Component Number | Material | Finish | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| View | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UNIT | MM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCALE | 1:1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RENHOTEK GROUP www.renhotec.com | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name: F Jack With Holder | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| DateTime | 2016/3/12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAD FILE | D/company drawings/BD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SHEET: 1 OF 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| APPROVALS | 2016/03/12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>John Kine</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Basic Information

| | |
|-------------------------|-----------------|
| Connector Type | Jack |
| Fastening Type | 3/8-32 Threaded |
| Mounting Feature | Through Hole |
| Mounting Type | Panel Mount |
| Orientation | Right Angle |
| RF Series | F Type |

Mechanical Specification

| | |
|----------------------------------|----------------|
| Contact Retention | 20 in-lbs min. |
| Contact Termination Style | Solder |
| Mating Durability | ≥ 500 Cycles |

Environmental Specification

| | |
|--------------------------|-----------------|
| Temperature Range | -40°C to +140°C |
|--------------------------|-----------------|

Material and Finish

| Component Description | Material | Finish |
|-----------------------|--------------|---------------|
| Shell | Copper Alloy | Nickel Plated |

Impedance Testing

| | |
|-----------|--------|
| Impedance | 75 ohm |
|-----------|--------|

Frequency & VSWR Test Report

| | |
|-----------------|--|
| Frequency Range | DC-1GHz |
| VSWR | R/A type ≤ 1.3MAX, Straight type ≤ 1.2 MAX |



Contact Resistance Test

| | |
|---------------------------|--------------------------|
| Contact Type | Female Pin |
| Center Contact Resistance | ≅ 10 MΩ (Milliohms Max.) |
| Outer Contact Resistance | ≅ 5 MΩ (Milliohms Max.) |



Working Voltage & Insulation Resistance Test

| | |
|-----------------------|---------|
| Insulation Resistance | ≥1000MΩ |
|-----------------------|---------|



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.