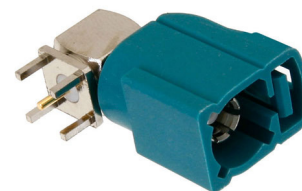


FAKRA Jack Right Angle Connector Solder Attachment Thru Hole PCB, Water Blue Color



RFPCB-FAKRA-FR-4G102

Configuration

- FAKRA Jack Connector
- 50 Ohms
- Right Angle Body Geometry
- Thru Hole Interface Type
- Solder Attachment

Features

- Max. Operating Frequency 4 GHz
- Good VSWR of 1.5:1
- Gold Plated Phosphor Bronze Contact

Applications

- General Purpose Test
- PCB Applications
- Automotive

Description

RFPCB-FAKRA-FR-4G102 FAKRA Jack right angle PCB connector available from L-com has a 50 Ohm impedance. This RF connector has a thru hole connector mount interface and is designed for a wide variety of Printed-Circuit Board (PCB) applications in RF and microwave systems. This FAKRA Jack connector uses solder as an attachment method. Our Jack FAKRA PCB connector provides a maximum frequency of 4 GHz. The FAKRA connector is available in a 0.87-inch length and 0.37-inch width.

The L-com FAKRA Jack PCB connector has a PTFE dielectric type and a VSWR of 1.5:1. This FAKRA PCB connector has a Phosphor Bronze body with gold plating. Our RFPCB-FAKRA-FR-4G102 FAKRA connector has a brass contact with nickel plating.

This L-com FAKRA Jack connector will ship the same day as purchased. Our FAKRA Jack connector is part of over 40,000 RF, microwave, and millimeter wave components in stock for worldwide shipment. We also build FAKRA custom connector cable assemblies that will ship the same day as well.

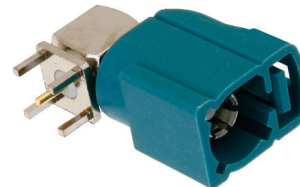
The FAKRA Jack connector with 50 Ohm impedance has a weight of 0.013 lbs. This Push-on RF connector has a high quality construction. The Jack coaxial connector is capable of operating at temperatures ranging from -40 deg C to 85 deg C. We currently have a variety of antenna, audio/video, Ethernet, fiber optic, and USB connectors in our portfolio that are ready to ship today. For further information on similar products, our expert technical support and knowledgeable sales team can help you get the high-quality RF that meets your requirements.

Electrical Specifications

| Description | Minimum | Typical | Maximum | Units |
|--------------------------------------|---------|---------|---------|-------|
| Frequency Range | DC | | 4 | GHz |
| VSWR | | | 1.5:1 | |
| Operating Voltage (AC) | | | 335 | Vrms |
| Dielectric Withstanding Voltage (AC) | | | 1,000 | Vrms |
| Inner Conductor DC Resistance | | | 6 | mOhms |
| Outer Conductor DC Resistance | | | 2.5 | mOhms |
| Insulation Resistance | 1,000 | | | MOhms |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[FAKRA Jack Right Angle Connector Solder Attachment Thru Hole PCB, Water Blue Color RFPCB-FAKRA-FR-4G102](#)

FAKRA Jack Right Angle Connector Solder Attachment
Thru Hole PCB, Water Blue Color



RFPCB-FAKRA-FR-4G102

Mechanical Specifications

Size

| | | |
|------------|----------|-----------|
| Length | 0.878in | [22.3mm] |
| Width/Dia. | 0.37in | [9.40mm] |
| Height | 0.674in | [17.12mm] |
| Weight | 0.013lbs | [5.9g] |

Material Specifications

| Description | Material | Plating |
|-----------------|-----------------|---------|
| Contact | Phosphor Bronze | Gold |
| Insulation | PTFE | |
| Outer Conductor | Brass | Nickel |
| Body | Plastic | |

Environmental Specifications

Temperature

Operating Range -40deg C to +85deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

FAKRA Jack Right Angle Connector Solder Attachment Thru Hole PCB, Water Blue Color from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components. Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: FAKRA Jack Right Angle Connector Solder Attachment Thru Hole PCB, Water Blue Color RFPCB-FAKRA-FR-4G102

URL: <https://www.l-com.com/fakra-jack-right-angle-connector-solder-attachment-thru-hole-pcb-water-blue-color-rfpcb-fakra-fr-4g102-p.aspx>

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to implement improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the

L-com CAD Drawing

