

1.0/2.3 Jack Right Angle Connector Solder Attachment
Thru Hole PCB, .200 inch x .055 inch Hole Spacing



RFPCB-1.0/2.3FR-4G70

Configuration

- 1.0/2.3 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 Beryllium Copper Contact
- 30 µin minimum contact plating

Applications

- General Purpose Test
- PCB Applications

Description

RFPCB-1.0/2.3FR-4G70 1.0/2.3 jack 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 1.0/2.3 jack connector uses solder as an attachment method. Our jack 1.0/2.3 PCB connector provides a maximum frequency of 4 GHz. The 1.0/2.3 connector is available in a 0.75-inch length and 0.23-inch width.

The L-com 1.0/2.3 jack PCB connector has a PTFE dielectric type and a VSWR of 1.5:1. This 1.0/2.3 PCB connector has a beryllium copper body with gold plating. Our RFPCB-1.0/2.3FR-4G70 1.0/2.3 connector has a brass contact with gold plating.

This L-com 1.0/2.3 jack connector will ship the same day as purchased. Our 1.0/2.3 jack connector is part of over 40,000 RF, microwave, and millimeter wave components in stock for worldwide shipment. We also build 1.0/2.3 custom connector cable assemblies that will ship the same day as well.

The 1.0/2.3 jack connector with 50 Ohm impedance has a weight of 0.008 lbs. This push-on RF connector has a high quality construction. The jack coaxial connector is capable of operating at temperatures ranging from -55 deg C to 125 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)			250	Vrms

Mechanical Specifications

Size

Length 0.752in [19.1mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[1.0/2.3 Jack Right Angle Connector Solder Attachment Thru Hole PCB, .200 inch x .055 inch Hole Spacing RFPCB-1.0/2.3FR-4G70](#)

1.0/2.3 Jack Right Angle Connector Solder Attachment
Thru Hole PCB, .200 inch x .055 inch Hole Spacing



RFPCB-1.0/2.3FR-4G70

Width/Dia.	0.236in	[5.99mm]
Height	0.394in	[10.01mm]
Weight	0.008lbs	[3.63g]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 30 µin minimum
Insulation	PTFE	
Body	Brass	Gold 3 µin minimum

Environmental Specifications

Temperature Operating Range	-55deg C to +125deg C
--------------------------------	-----------------------

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

Plotted and Other Data

1.0/2.3 Jack Right Angle Connector Solder Attachment Thru Hole PCB, .200 inch x .055 inch Hole Spacing 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: 1.0/2.3 Jack Right Angle Connector Solder Attachment Thru Hole PCB, .200 inch x .055 inch Hole Spacing RFPCB-1.0/2.3FR-4G70

URL: <https://www.l-com.com/1.0-2.3-jack-right-angle-connector-solder-attachment-thru-hole-pcb-.200-inch-x-.055-inch-hole-spacing-rfpcb-1.0-2.3fr-4g70-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. 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.

1.0/2.3 Jack Right Angle Connector Solder Attachment Thru Hole PCB, .200 inch x .055 inch Hole Spacing

L-com CAD Drawing

