

MMBX Jack Snap-On Connector Solder Attachment Surface Mount PCB, With Female Center Contact

RFPCB-MMBX-FS-12G124



Configuration

- Snap-On MMBX Jack Connector
- 50 Ohms
- Straight Body Geometry
- Surface Mount Interface Type
- Solder Attachment

Features

- Max. Operating Frequency 12.4 GHz
- Excellent VSWR of 1.06:1
- Gold Plated Brass Contact
- Blind Mate Connection
- Small circuit footprint for high density applications
- packaging available for pick and place circuit board manufacturing
- Mechanical misalignment tolerance of 4.5deg/0.7mm Max

Applications

- General Purpose Test
- PCB Applications
- Circuit board test point
- PCB applications
- Low cost blind mate interconnect
- Board to board applications requiring multiple coaxial connections

Description

RFPCB-MMBX-FS-12G124 MMBX jack PCB connector available from L-com has a 50 Ohm impedance. This RF connector has a Surface Mount connector mount interface and is designed for a wide variety of Printed-Circuit Board (PCB) applications in RF and microwave systems. This MMBX jack connector uses solder as an attachment method. Our jack MMBX PCB connector provides a maximum frequency of 12.4 GHz. The MMBX connector is available in a 0.24-inch length and 0.24-inch width.

The L-com MMBX jack PCB connector has a PTFE dielectric type and a VSWR of 1.06:1. This MMBX PCB connector has a brass body with gold plating. Our RFPCB-MMBX-FS-12G124 MMBX connector has a brass contact with gold plating.

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

The MMBX jack connector with 50 Ohm impedance has a weight of 0.010 lbs. The jack coaxial connector is capable of operating at temperatures ranging from -55 deg C to 155 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		12.4	GHz
VSWR			1.06:1	
Insertion Loss			0.42	dB
Operating Voltage (DC)			330	Vdc
Dielectric Withstanding Voltage (DC)			1,000	Vdc

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[MMBX Jack Snap-On Connector Solder Attachment Surface Mount PCB, With Female Center Contact RFPCB-MMBX-FS-12G124](#)

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Insulation Resistance	1,000	MOhms
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Electrical Specification Notes:

MMBX Jack has a female center contact

Mechanical Specifications

Size

Length	0.24in	[6.1mm]
Width/Dia.	0.24in	[6.10mm]
Height	0.21in	[5.33mm]
Weight	0.01lbs	[4.54g]
Mating Cycles	100Cycles	

Material Specifications

Description	Material	Plating
Contact	Brass	Gold
Insulation	PTFE	
Outer Conductor	Brass	Gold
Body	Brass	Gold

Environmental Specifications

Temperature

Operating Range -55deg C to +155deg C

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

Plotted and Other Data

MMBX Jack Snap-On Connector Solder Attachment Surface Mount PCB, With Female Center Contact 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: MMBX Jack Snap-On Connector Solder Attachment Surface Mount PCB, With Female Center Contact RFPCB-MMBX-FS-12G124

URL: <https://www.l-com.com/mmbx-jack-snap-on-connector-solder-attachment-surface-mount-pcb-female-center-contact-rfpcb-mmbx-fs-12g124-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. 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.

L-com CAD Drawing

