

MMBX Plug Slide-On Connector Solder Attachment
Surface Mount PCB, With Male Center Contact



RFPCB-MMBX-MS-12G121

Configuration

- Slide-On MMBX Plug Connector
- 50 Ohms
- Straight Body Geometry
- Surface Mount Interface Type
- Solder/Solder Attachment

Features

- Max. Operating Frequency 12.4 GHz
- Excellent VSWR of 1.06:1
- Gold Plated Beryllium Copper 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-MS-12G121 MMBX Plug 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 Plug connector uses solder/Solder as an attachment method. Our Plug 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 Plug PCB connector has a PTFE dielectric type and a VSWR of 1.06:1. This MMBX PCB connector has a Beryllium Copper body with gold plating. Our RFPCB-MMBX-MS-12G121 MMBX connector has a brass contact with gold plating.

This L-com MMBX Plug connector will ship the same day as purchased. Our MMBX Plug 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 Plug connector with 50 Ohm impedance has a weight of 0.010 lbs. The Plug 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			0.12	dB
Operating Voltage (DC)			300	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 Plug Slide-On Connector Solder Attachment Surface Mount PCB, With Male Center Contact RFPCB-MMBX-MS-12G121](#)

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Insulation Resistance	1,000	MOhms
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Electrical Specification Notes:
MMBX Plug has a male center contact/**Cap for Manufacturing process

Mechanical Specifications

Size

Length	0.24in	[6.1mm]
Width/Dia.	0.24in	[6.10mm]
Height	0.217in	[5.51mm]
Weight	0.01lbs	[4.54g]
Mating Cycles	500Cycles	

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	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 Plug Slide-On Connector Solder Attachment Surface Mount PCB, With Male 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 Plug Slide-On Connector Solder Attachment Surface Mount PCB, With Male Center Contact RFPCB-MMBX-MS-12G121

URL: <https://www.l-com.com/mmbx-plug-slide-on-connector-solder-attachment-surface-mount-pcb-male-center-contact-rfpcb-mmbx-ms-12g121-p.aspx>

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