

MMBX Jack Snap-On Connector Solder Attachment Through Hole PCB, With Female Center Contact and .382" Diameter Funnel



RFPCB-MMBX-FS-12G126

Configuration

- Snap-On MMBX Jack Connector
- 50 Ohms
- Straight Body Geometry
- Through Hole Interface Type
- Solder Attachment

Features

- Max. Operating Frequency 12.4 GHz
- Excellent VSWR of 1.15:1
- Gold Plated Brass Contact
- Reliable Snap-On connection method
- Small circuit footprint for high density applications
- Mechanical misalignment tolerance of 4.5°/0.7mm Max

Applications

- General Purpose Test
- PCB Applications
- Low cost blind mate interconnect
- Multi circuit board radios
- Board to board applications requiring multiple coaxial connections

Description

RFPCB-MMBX-FS-12G126 MMBX jack PCB connector available from L-com has a 50 Ohm impedance. This RF connector has a Through Hole connector mount interface and is designed for a wide variety of Printed-Circuit Board (PCB) applications in RF and micro-wave 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 0.00-inch length and 0.42-inch width.

The L-com MMBX jack PCB connector has a LCP dielectric type and a VSWR of 1.15:1. This MMBX PCB connector has a brass body with gold plating. Our RFPCB-MMBX-FS-12G126 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, micro-wave, 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			1.15:1	
Insertion Loss			0.35	dB
Operating Voltage (DC)			330	Vdc
Dielectric Withstanding Voltage (DC)			1,000	Vdc
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: [MMBX Jack Snap-On Connector Solder Attachment Through Hole PCB, With Female Center Contact and .382" Diameter Funnel RFPCB-MMBX-FS-](#)

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Electrical Specification Notes:

MMBX Jack has a female center contact

Mechanical Specifications

Size

Length	0in	[0mm]
Width/Dia.	0.42in	[10.67mm]
Height	0.31in	[7.87mm]
Weight	0.01lbs	[4.54g]
Mating Cycles	100Cycles	

Material Specifications

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

Environmental Specifications

Temperature

Operating Range -55deg C to +155deg C

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RFPCB-MMBX-FS-12G126

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

Plotted and Other Data

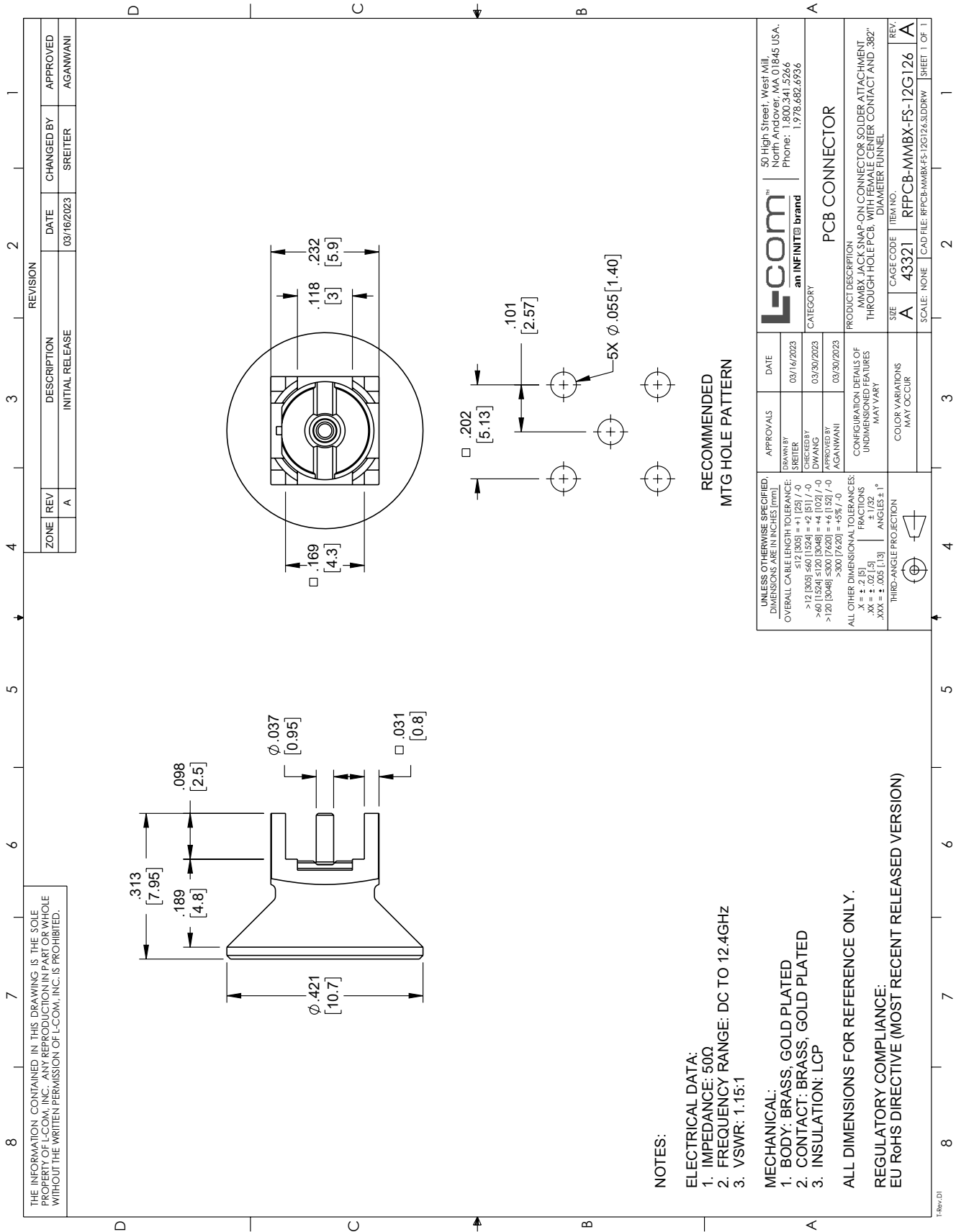
MMBX Jack Snap-On Connector Solder Attachment Through Hole PCB, With Female Center Contact and .382" Diameter Funnel from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and 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 Through Hole PCB, With Female Center Contact and .382" Diameter Funnel RFPCB-MMBX-FS-12G126

URL: <https://www.l-com.com/mmbx-jack-snap-on-connector-solder-attachment-through-hole-pcb-female-center-contact-.382-inch-diameter-funnel-rfpcb-mmbx-fs-12g126-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.

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L-com CAD Drawing



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NOTES:

- ELECTRICAL DATA:**
 1. IMPEDANCE: 50Ω
 2. FREQUENCY RANGE: DC TO 12.4GHZ
 3. VSWR: 1.15:1

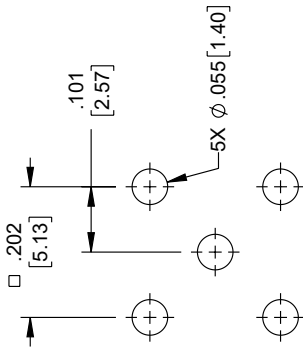
MECHANICAL:

- BODY: BRASS, GOLD PLATED
- CONTACT: BRASS, GOLD PLATED
- INSULATION: LCP

ALL DIMENSIONS FOR REFERENCE ONLY.

REGULATORY COMPLIANCE:
 EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

**RECOMMENDED
MTG HOLE PATTERN**



ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	03/16/2023	SREITER	AGANWANI

		50 High Street, West Mill, North Andover, MA 01845 USA, Phone: 1.800.341.5266 1.978.682.6936	
APPROVALS DRAWN BY: SREITER CHECKED BY: DWANG APPROVED BY: AGANWANI		DATE 03/16/2023 03/30/2023 03/30/2023	
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES (mm). OVERALL CABLE LENGTH TOLERANCE: ≤12 [305] = +1 [25] / -0 >12 [305] ≤60 [1524] = +2 [51] / -0 >60 [1524] ≤120 [3048] = +4 [102] / -0 >120 [3048] ≤300 [7620] = +6 [152] / -0 >300 [7620] = +5% / -0		CATEGORY PCB CONNECTOR	
ALL OTHER DIMENSIONAL TOLERANCES: = ± .015 [.38] XX = ± .005 [0.127] XXX = ± .003 [0.076] ANGLES ± 1°		PRODUCT DESCRIPTION MMBX JACK SNAP-ON CONNECTOR SOLDER ATTACHMENT THROUGH HOLE PCB, WITH FEMALE CENTER CONTACT AND .382" DIAMETER FUNNEL	
THIRD-ANGLE PROJECTION 		ITEM NO. RFPCE-MMBX-FS-12G126	
COLOR VARIATIONS MAY OCCUR		SCALE: NONE	

T-Rev: 01