



MMBX Jack Push-On Connector Solder Attachment Edge Launch PCB, with female center contact

RF Connectors Technical Data Sheet

PE45261

Configuration

- Push-On MMBX Jack Connector
- 50 Ohms
- Straight Body Geometry
- Edge Launch Interface Type
- Solder Attachment

Features

- Max. Operating Frequency 12.4 GHz
- Excellent VSWR of 1.06:1
- Gold Plated Brass Contact
- Blind Mate Connector
- Reliable Push-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

Pasternack's PE45261 MMBX jack push-on connector solder attachment edge launch pcb is part of our full line of RF components available for same-day shipping. Our MMBX jack connector operates up to a maximum frequency of 12.4 GHz and offers excellent VSWR of 1.06:1. The Pasternack blind mate connector is ideal for applications where direct visual or tactile access to the connection point is not possible, for example, when two circuit boards need to be mated.

Our MMBX jack connector PE45261 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable connector assemblies for you and ship same-day.

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)			330	Vdc
Dielectric Withstanding Voltage (DC)			1,000	Vdc
Insulation Resistance	1,000			MOhms

Electrical Specification Notes:
MMBX Jack has a female center contact

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [MMBX Jack Push-On Connector Solder Attachment Edge Launch PCB, with female center contact PE45261](#)



MMBX Jack Push-On Connector Solder Attachment
Edge Launch PCB, with female center contact

RF Connectors Technical Data Sheet

PE45261

Mechanical Specifications

Size

Length	0.25 in [6.35 mm]
Width/Dia.	0.27 in [6.86 mm]
Weight	0.00728 lbs [3.3 g]
Mating Cycles	100 Cycles

Material Specifications

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

Environmental Specifications

Temperature

Operating Range	-55 to +155 deg C
-----------------	-------------------

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [MMBX Jack Push-On Connector Solder Attachment Edge Launch PCB, with female center contact PE45261](#)



MMBX Jack Push-On Connector Solder Attachment Edge Launch PCB, with female center contact

RF Connectors Technical Data Sheet

PE45261

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

Plotted and Other Data

Notes:

MMBX Jack Push-On Connector Solder Attachment Edge Launch PCB, with female center contact from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [MMBX Jack Push-On Connector Solder Attachment Edge Launch PCB, with female center contact PE45261](#)

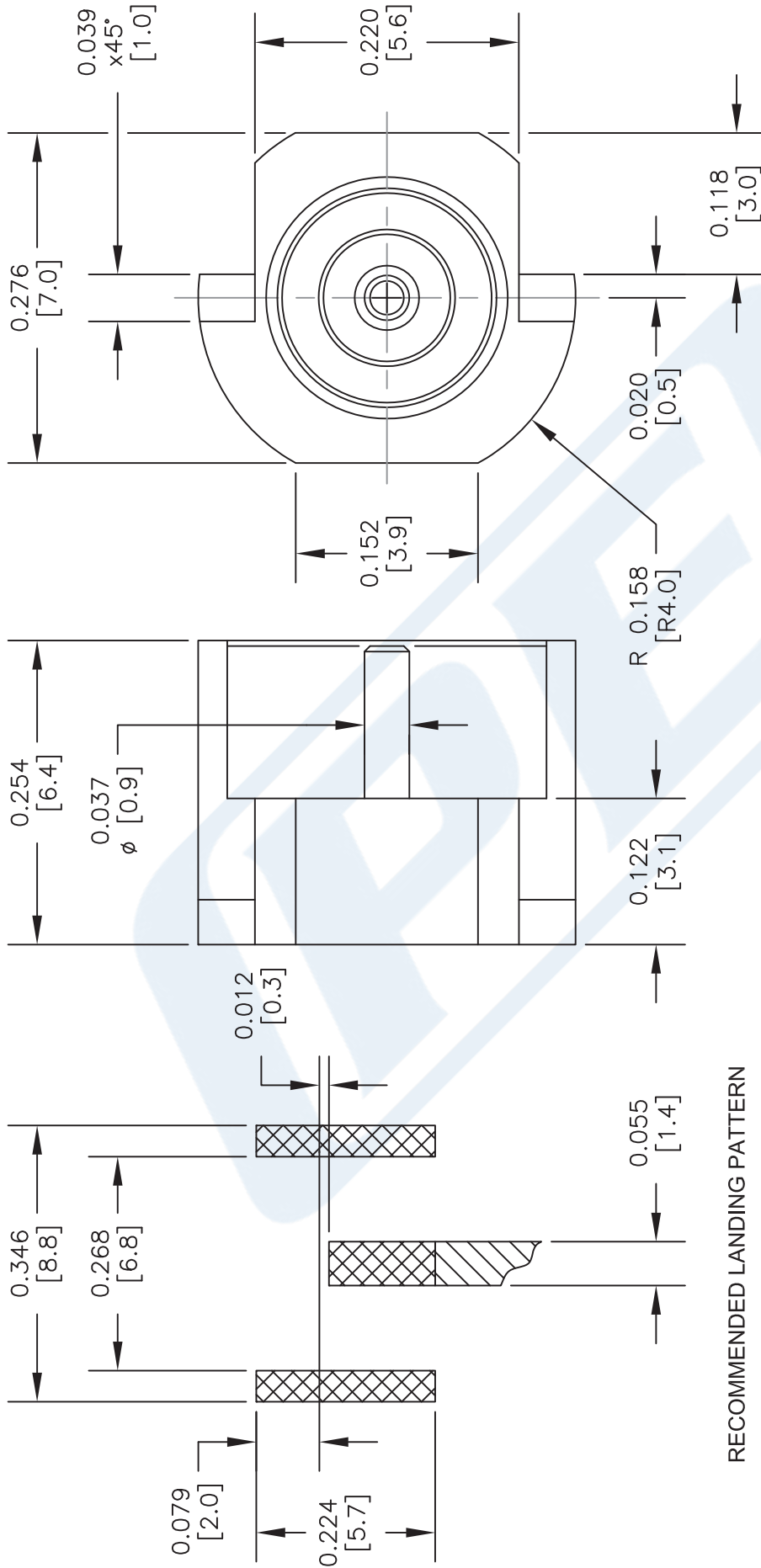
URL: <https://www.pasternack.com/mmbx-jack-push-on-edge-launch-pcb-connector-pe45261-p.aspx>

The information contained in 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. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PE45261 CAD Drawing

MMBX Jack Push-On Connector Solder Attachment Edge

Launch PCB, with female center contact



RECOMMENDED LANDING PATTERN

STANDARD TOLERANCES

.X ±0.2
.XX ±0.1
.XXX ±0.05

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

DWG TITLE

PE45261

NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].
4. FITS MIL-C-17 AND EQUIVALENT CABLES.

PE PASTERNAK®
THE ENGINEER'S RF SOURCE

Pasternack Enterprises, Inc.
P.O. Box 16759 | Irvine | CA | 92623
Phone: (949) 261-1920 | Fax: (949) 261-7451
Website: www.pasternack.com | E-Mail: sales@pasternack.com

FSCM NO. 53919

CAD FILE 090216

SCALE N/A

SIZE A

2233