



MMBX Jack Snap-On Connector Solder Attachment Through  
Hole PCB, 0.382" Diameter Funnel, 1 Reel Contains 500 pieces

**500 pcs**

## RF Connectors Technical Data Sheet

PE45265TR500

### 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

Pasternack's PE45265TR500 MMBX jack snap-on connector with solder attachment for through hole 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 1.15:1.

Our MMBX jack connector PE45265TR500 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 assemblies for you and ship same-day.

### 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

Electrical Specification Notes:  
MMBX Jack has a female center contact

### Mechanical Specifications

Width/Dia. 0.42 in [10.67 mm]  
Height 0.31 in [7.87 mm]

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, 0.382" Diameter Funnel, 1 Reel Contains 500 pieces PE45265TR500](#)



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Mating Cycles

100 Cycles

### Material Specifications

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

### Environmental Specifications

#### Temperature

Operating Range

-55 to +155 deg C

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

### Plotted and Other Data

Notes:

MMBX Jack Snap-On Connector Solder Attachment Through Hole PCB, 0.382" Diameter Funnel, 1 Reel Contains 500 pieces 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.

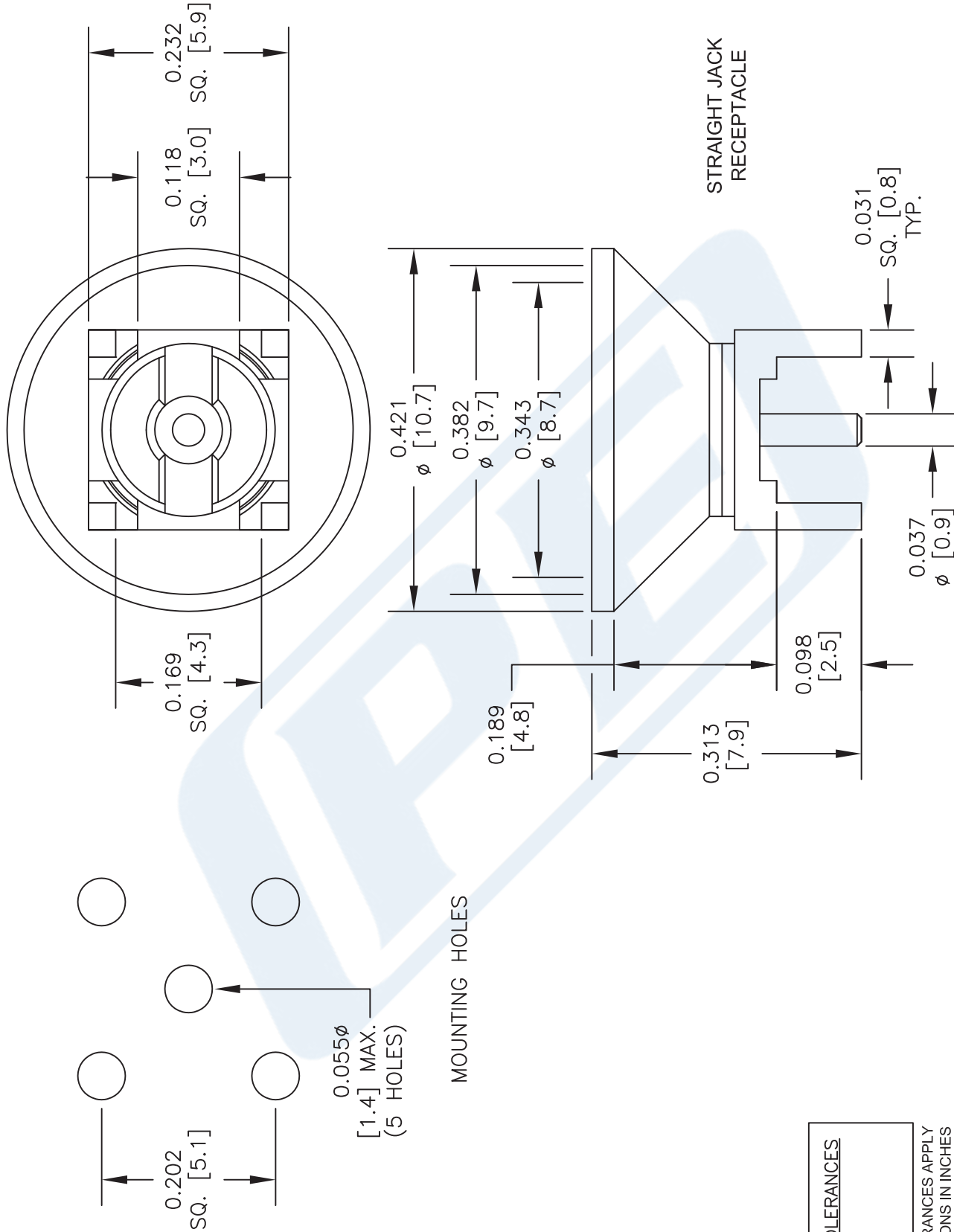
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URL: <https://www.pasternack.com/mmbx-jack-snap-on-through-hole-pcb-connector-pe45265tr500-p.aspx>

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.

# PE45265TR500 CAD Drawing

MMBX Jack Snap-On Connector Solder Attachment Through Hole  
PCB, 0.382" Diameter Funnel, 1 Reel Contains 500 pieces



## STANDARD TOLERANCES

.X ±0.2  
.XX ±0.1  
.XXX ±0.05

\*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

**PE PASTERNAK®**  
THE ENGINEER'S RF SOURCE

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DWG TITLE

**PE45265TR500**

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].

FSCM NO. 53919

CAD FILE 102716

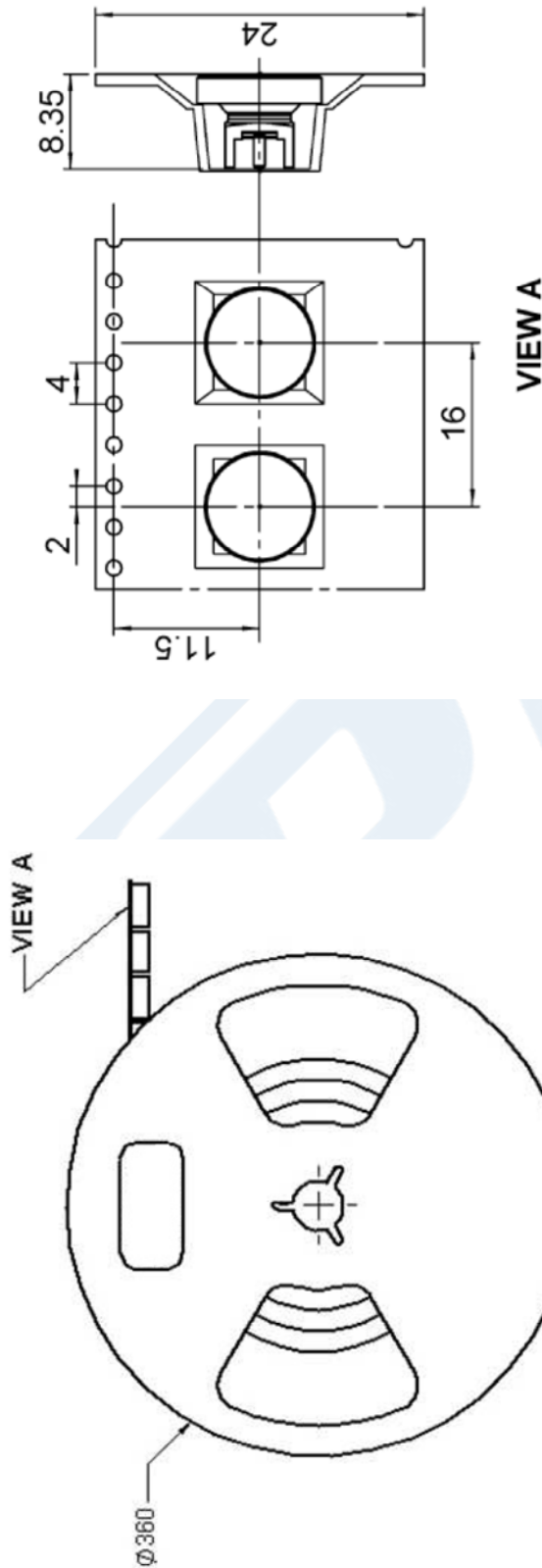
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SIZE A

2233

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