Fairview Microwave
RF COMPONENTS ON DEMAND. *Done!*

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

MMBX jack snap-on connector with solder attachment for surface mount PCB, part number FMCN1030TR500, from Fairview Microwave is in-stock and ships same day. This MMBX jack connector operates up to a maximum frequency of 12.4 GHz and offers excellent VSWR of 1.15:1.

Fairview's MMBX jack connector FMCN1030TR500 datasheet specifications and outline drawing are shown in this PDF below. Our extensive offering of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. From providing an I/O for a board design to creating a custom cable assembly configuration, Fairview Microwave has a connector solution to meet your needs. Fairview Microwave also has the expertise to build your custom cable assemblies for you and ship them same-day.

500 pcs. Roll

Configuration:

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

Features:

- Operating Frequency of 12.4 GHz Max.
- Excellent VSWR of 1.15:1
- Gold Plated Brass Contact
- Snap-On connection method
- Small circuit footprint for high density applications
- Packaging available for pick and place circuit board manufacturing
- Allows up to 4.5°/0.7mm Max mechanical misalignment

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		12.4	GHz
VSWR			1.15:1	
Insertion Loss			0.35	dB
Operating Voltage (DC)			330	Vdc
DWV (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]
Mating Cycles	100 Cycles

Material Specifications

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

Applications:

- General Purpose Test
- PCB Applications
- Circuit board test points
- Blind mate interconnect applications
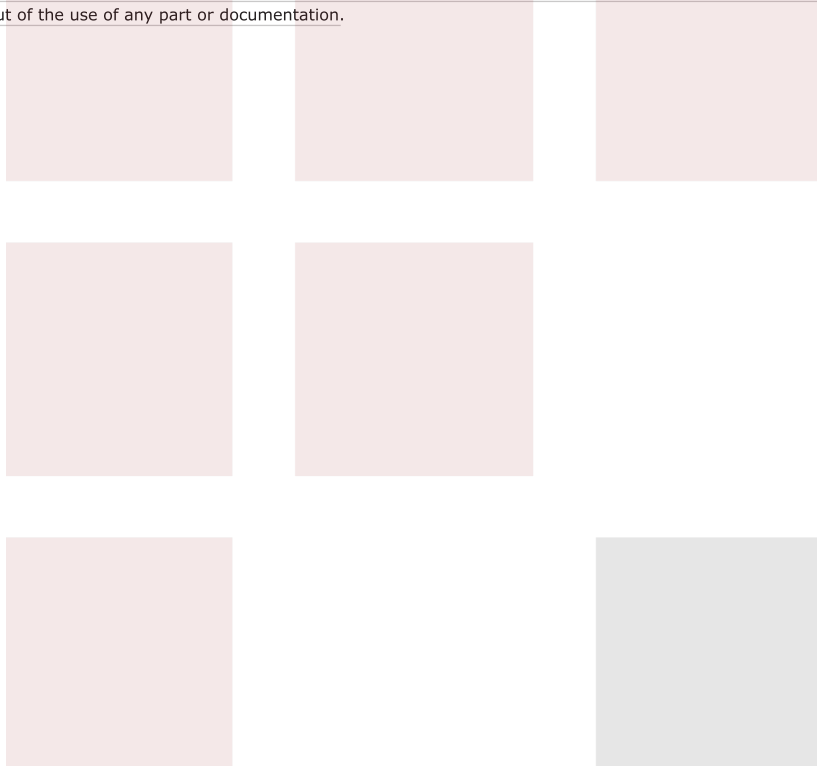- Multi circuit board products
- Board to board applications

Environmental Specifications
Temperature

Operating Range	-55 to +155 deg C

Compliance Certifications (see product page for current document)

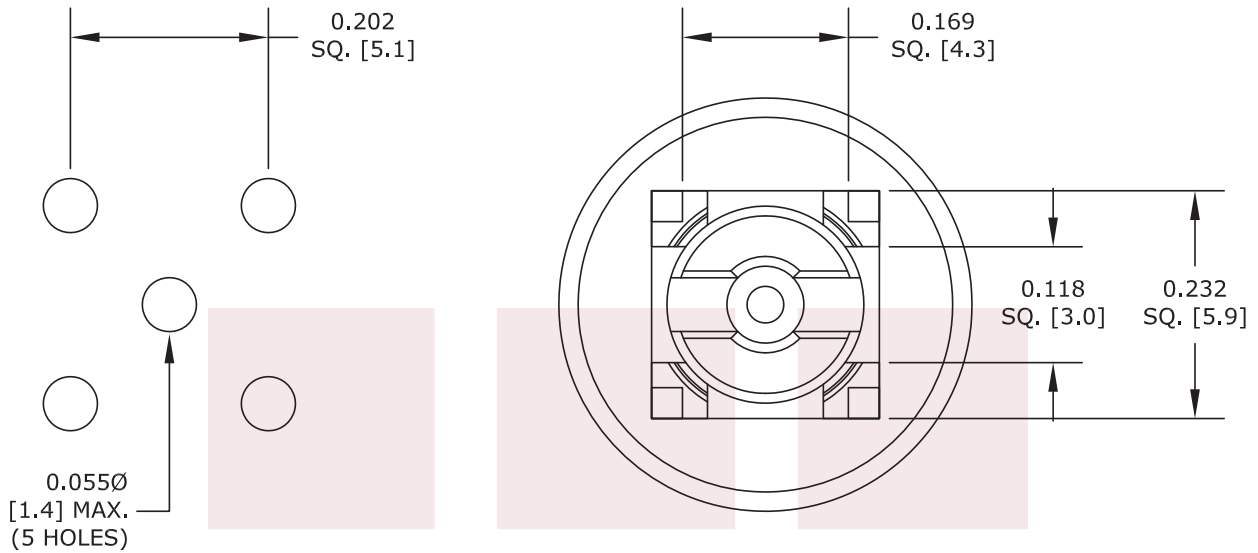### Plotted and Other Data
Notes:

MMBX Jack Snap-On PCB Connector Surface Mount Solder Attachment 0.382" Diameter Funnel, 1 Reel Contains 500 pieces from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: MMBX Jack Snap-On PCB Connector Surface Mount Solder Attachment 0.382" Diameter Funnel, 1 Reel Contains 500 pieces FMCN1030TR500
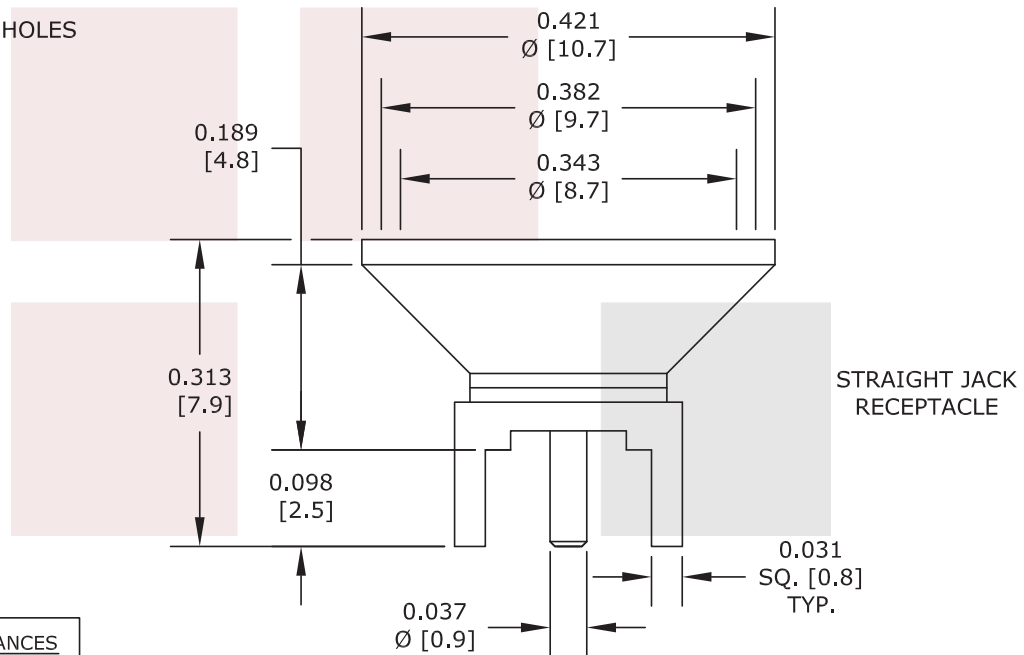
URL: https://www.fairviewmicrowave.com/mmbx-jack-snap-on-surface-mount-pcb-connector-fmcn1030tr500-p.aspx

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

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0.202
SQ. [5.1]

0.169
SQ. [4.3]

0.118
SQ. [3.0]

0.232
SQ. [5.9]

0.055Ø
[1.4] MAX.
(5 HOLES)

MOUNTING HOLES

0.421
Ø [10.7]

0.382
Ø [9.7]

0.343
Ø [8.7]

0.189
[4.8]

0.313
[7.9]

0.098
[2.5]

STRAIGHT JACK
RECEPTACLE

0.031
SQ. [0.8]
TYP.

0.037
Ø [0.9]

STANDARD TOLERANCES
.X   ±0.2
.XX   ±0.1
.XXX ±0.05

*STANDARD TOLERANCES APPLY
ONLY TO DIMENSIONS IN INCHES

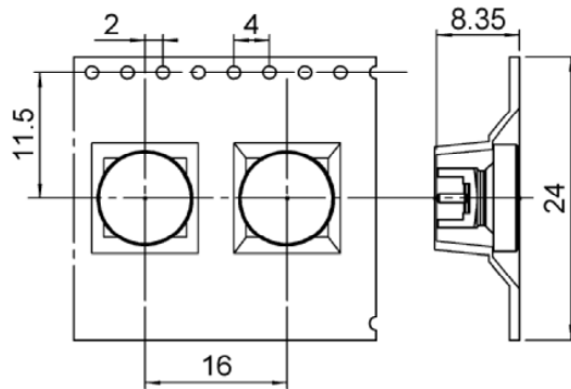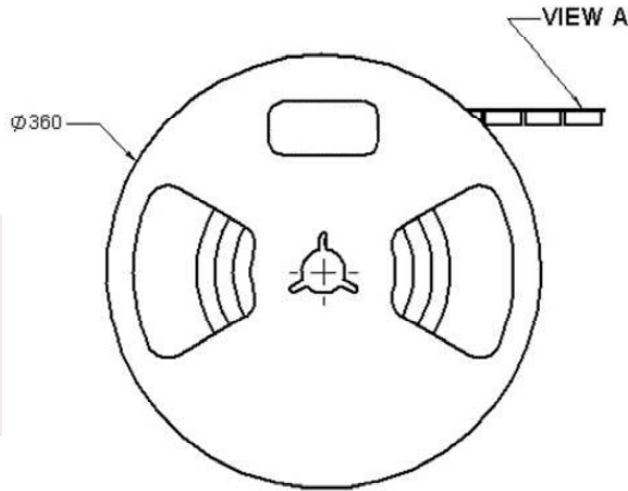## FAIRVIEW MICROWAVE INC.
ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM

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].

TITLE	DWG NO		CAGE CODE	
MMBX Jack Snap-On PCB Connector Surface Mount Solder Attachment 0.382" Diameter Funnel, 1 Reel Contains 500 pieces	FMCN1030TR500		3FKR5	
	CAD FILE 113016	SHEET	SCALE N/A	SIZE A 2233

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VIEW A

Ø360

8.35

2   4

11.5

16

24

VIEW A

STANDARD TOLERANCES
.X   ±0.2
.XX   ±0.1
.XXX ±0.05

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