

RA MCX Jack PCB Connector Thru Hole Solder Attachment

RA MCX jack connector with solder attachment for thru hole PCB, part number SC9491, from Fairview Microwave is in-stock and ships same day. This MCX jack connector operates up to a maximum frequency of 6 GHz. Its right angle body geometry facilitates connections in tight spaces.

Fairview's RA MCX jack connector SC9491 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.

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		6	GHz
Operating Voltage (AC)			335	Vrms

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 1	1 to 3				GHz
VSWR, Max	1.5:1	1.63:1				

Mechanical Specifications

Size	
Length	0.374 in [9.5 mm]
Width/Dia.	0.236 in [5.99 mm]
Height	0.394 in [10.01 mm]
Weight	0.00397 lbs [1.8 g]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 30 µin minimum
Insulation	PTFE	
Body	Brass	Gold 3 µin minimum



Configuration:

- MCX Jack Connector
- CECC 22220
- 50 Ohms
- Right Angle Body Geometry
- Thru Hole Interface Type
- Solder Attachment

Features:

- Operating Frequency of 6 GHz Max.
- Gold Plated Beryllium Copper Contact
- 30 µin minimum contact plating

Applications:

- General Purpose Test
- PCB Applications

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Environmental Specifications

Temperature

Operating Range -55 to +155 deg C

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

Plotted and Other Data

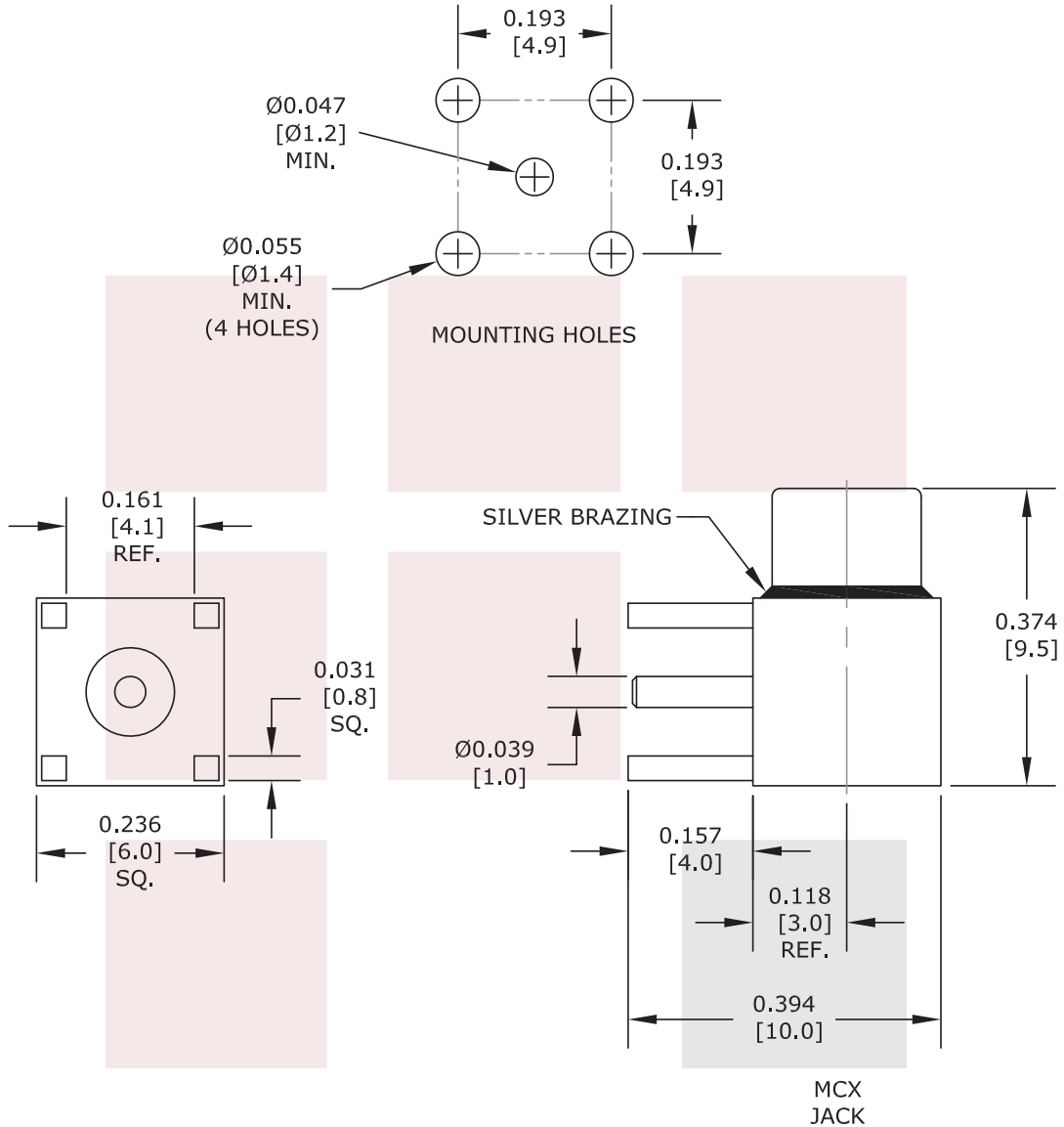
Notes:

RA MCX Jack PCB Connector Thru Hole Solder Attachment 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: [RA MCX Jack PCB Connector Thru Hole Solder Attachment SC9491](#)

URL: <https://www.fairviewmicrowave.com/mcx-jack-standard-thru-hole-pcb-connector-sc9491-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.



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

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

FAIRVIEW MICROWAVE INC.		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].			
ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM		DWG NO SC9491		CAGE CODE 3FKR5	
TITLE RA MCX Jack PCB Connector Thru Hole Solder Attachment		CAD FILE 121206	SHEET	SCALE N/A	SIZE A
				41742	