

## RF PCB Connector, RP MCX Jack Right Angle Bulkhead Connector Solder Attachment Thru Hole PCB, .177 inch D Hole

RA RP MCX jack bulkhead connector with solder attachment for thru hole PCB (.177 inch D hole), part number FMCN44216, from Fairview Microwave is in-stock and ships same day. Our reverse polarity jack configuration uses a jack connector body with an inner contact pin. 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 FMCN44216 bulkhead MCX connector enables designers to make external connections on product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Fairview's RA RP MCX jack bulkhead connector FMCN44216 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
DWV (AC)			1,000	Vrms

### Mechanical Specifications

<b>Size</b>	
Length	0.535 in [13.59 mm]
Width/Dia.	0.25 in [6.35 mm]
Height	0.368 in [9.35 mm]
Weight	0.006 lbs [2.72 g]
Mating Cycles	500 Cycles

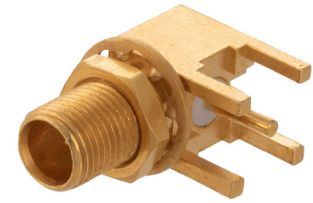
### Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30μ in minimum
Insulation	Teflon	
Body	Brass	Gold 10μ in minimum

### Environmental Specifications

#### Temperature

Operating Range	-65 to +165 deg C
Humidity	MIL-STS-202, Method 106
Shock	MIL-STS-202, Method 213, Condition B



### Configuration:

- MCX Jack Reverse Polarity Connector
- MIL-C-39012
- 50 Ohms
- Right Angle Body Geometry
- Thru Hole Interface Type
- Solder Attachment
- Bulkhead

### Features:

- Operating Frequency of 6 GHz Max.
- Reverse Polarity
- Gold Plated Brass Contact
- 30μ in minimum contact plating

### Applications:

- General Purpose Test
- Rack and Panel Mount Applications
- PCB Applications

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Vibration  
Salt Spray

MIL-STS-202, Method 204, Condition B  
MIL-STS-202, Method 101, Condition B

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

### Plotted and Other Data

Notes:

RF PCB Connector, RP MCX Jack Right Angle Bulkhead Connector Solder Attachment Thru Hole PCB, .177 inch D Hole 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 Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [RF PCB Connector, RP MCX Jack Right Angle Bulkhead Connector Solder Attachment Thru Hole PCB, .177 inch D Hole FMCN44216](#)

URL: <https://www.fairviewmicrowave.com/mcx-jack-reverse-polarity-thru-hole-pcb-connector-fmcn44216-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.

