

RF PCB Connector, RP MCX Jack Bulkhead Connector Solder Attachment End Launch PCB, .177 inch D Hole

RP MCX jack bulkhead connector with solder attachment for end launch PCB (.177 inch D hole), part number FMCN44217, 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. Fairview's FMCN44217 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 RP MCX jack bulkhead connector FMCN44217 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

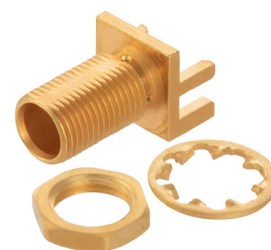
Size	
Length	0.48 in [12.19 mm]
Width/Dia.	0.25 in [6.35 mm]
Height	0.25 in [6.35 mm]
Weight	0.0045 lbs [2.04 g]
Mating Cycles	500 Cycles

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
- Straight Body Geometry
- End Launch 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 Bulkhead Connector Solder Attachment End Launch 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 Bulkhead Connector Solder Attachment End Launch PCB, .177 inch D Hole FMCN44217](#)

URL: <https://www.fairviewmicrowave.com/mcx-jack-reverse-polarity-surface-mount-end-launch-connector-fmcn44217-p.aspx>

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