

RF PCB Connector, MMCX Jack Right Angle Connector Solder Attachment Thru Hole PCB, .100 inch x .031 inch Hole Spacing

RA MMCX jack connector with solder attachment for thru hole PCB (.100 inch x .031 inch hole spacing), part number FMCN44280, from Fairview Microwave is in-stock and ships same day. This MMCX jack connector operates up to a maximum frequency of 6 GHz. Its right angle body geometry facilitates connections in tight spaces.

Fairview's RA MMCX jack connector FMCN44280 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.



Configuration:

- MMCX Jack Connector
- MIL-C-39012
- 50 Ohms
- Right Angle Body Geometry
- Thru Hole Interface Type
- Solder Attachment

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		6	GHz
Operating Voltage (AC)			170	Vrms
DWV (AC)			500	Vrms
High Potential Voltage at 4 and 7 MHz			400	Vrms
Corona Discharge at 70,000 feet			190	Vrms
Insulation Resistance	1,000			MOhms

Features:

- Operating Frequency of 6 GHz Max.
- Gold over Nickel Plated Brass Contact
- 30 µin minimum contact plating

Applications:

- General Purpose Test
- Space Saving for PCB Applications

Mechanical Specifications

Size	
Length	0.258 in [6.55 mm]
Width/Dia.	0.136 in [3.45 mm]
Height	0.256 in [6.5 mm]
Weight	0.002 lbs [0.91 g]
Mating Cycles	500 Cycles

Material Specifications

Description	Material	Plating
Contact	Brass	Gold over Nickel 30 µin minimum
Insulation	PTFE	
Body	Brass	Gold over Nickel 10 µin minimum

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Environmental Specifications

Temperature

Operating Range	-55 to +155 deg C
Humidity	MIL-STD-202, Method 106
Shock	MIL-STD-202, Method 213, Condition B
Vibration	MIL-STD-202, Method 204, Condition D
Thermal Shock	MIL-STD-202, Method 107, Condition C
Salt Spray	MIL-STD-202, Method 101, Condition B

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

Plotted and Other Data

Notes:

RF PCB Connector, MMCX Jack Right Angle Connector Solder Attachment Thru Hole PCB, .100 inch x .031 inch Hole Spacing 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, MMCX Jack Right Angle Connector Solder Attachment Thru Hole PCB, .100 inch x .031 inch Hole Spacing FMCN44280](#)

URL: <https://www.fairviewmicrowave.com/mmcx-jack-thru-hole-pcb-connector-fmcn44280-p.aspx>

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