

RF PCB Connector, MCX Jack Connector Solder Attachment .042 inch End Launch PCB

MCX jack connector with solder attachment for .042 inch end launch PCB, part number FMCN44279, from Fairview Microwave is in-stock and ships same day. This MCX jack connector operates up to a maximum frequency of 6 GHz.

Fairview's MCX jack connector FMCN44279 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
High Potential Voltage at 4 and 7 MHz			600	Vrms
Corona Discharge at 70,000 feet			250	Vrms
Insulation Resistance	10,000			MOhms

Mechanical Specifications

Size	
Length	0.336 in [8.53 mm]
Width/Dia.	0.25 in [6.35 mm]
Height	0.25 in [6.35 mm]
Weight	0.003 lbs [1.36 g]
Mating Cycles	500 Cycles

Material Specifications

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

Environmental Specifications

Temperature

Operating Range	-65 to +165 deg C
Humidity	MIL-STD-202, Method 106



Configuration:

- MCX Jack Connector
- MIL-C-39012
- 50 Ohms
- Straight Body Geometry
- .042 inch End Launch Interface Type
- Solder Attachment

Features:

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

Applications:

- General Purpose Test
- PCB Applications

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Shock	MIL-STD-202, Method 213, Condition B
Vibration	MIL-STD-202, Method 204, Condition B
Thermal Shock	MIL-STD-202, Method 107, Condition F
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, MCX Jack Connector Solder Attachment .042 inch End Launch PCB 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, MCX Jack Connector Solder Attachment .042 inch End Launch PCB FMCN44279](#)

URL: <https://www.fairviewmicrowave.com/mcx-jack-.042-end-launch-pcb-connector-fmcn44279-p.aspx>

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