

## RF PCB Connector, RP SMA Female Connector Solder Attachment Thru Hole PCB, .200 inch x .067 inch Hole Spacing

RP SMA female connector with solder attachment for thru hole PCB (.200 inch x .067 inch hole spacing), part number FMCN44273, from Fairview Microwave is in-stock and ships same day. Our reverse polarity female configuration uses a female connector body with a male inner contact pin. This SMA female connector operates up to a maximum frequency of 12 GHz.

Fairview's RP SMA female connector FMCN44273 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:

- SMA Female Reverse Polarity Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- Thru Hole Interface Type
- Solder Attachment

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		12	GHz
Operating Voltage (AC)			500	Vrms
DWV (AC)			1,000	Vrms
Insulation Resistance	5,000			MOhms

### Features:

- Operating Frequency of 12 GHz Max.
- Reverse Polarity
- Gold Plated Contact
- Contact plating according to MIL-G-45204

### Mechanical Specifications

#### Size

Length	0.5 in [12.7 mm]
Width/Dia.	0.25 in [6.35 mm]
Height	0.25 in [6.35 mm]
Weight	0.004 lbs [1.81 g]

#### Material Specifications

Description	Material	Plating
Contact		Gold MIL-G-45204
Insulation	PTFE	
Body	Brass	Gold MIL-G-45204

### Applications:

- General Purpose Test
- PCB Applications

### Environmental Specifications

#### Temperature

Operating Range -65 to +165 deg C

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

### Plotted and Other Data

Notes:

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RF PCB Connector, RP SMA Female Connector Solder Attachment Thru Hole PCB, .200 inch x .067 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, RP SMA Female Connector Solder Attachment Thru Hole PCB, .200 inch x .067 inch Hole Spacing FMCN44273](#)

URL: <https://www.fairviewmicrowave.com/sma-female-reverse-polarity-thru-hole-pcb-connector-fmcn44273-p.aspx>

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