

Super SMA Female (Jack) Connector Solder Attachment 0.047 inch End Launch PCB, 0.020 inch Pin Diameter, Up to 26.5 GHz



**FMCN5381**

**Configuration**

- SMA Female Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: End Launch

**Features**

- Operating Frequency of 26.5 GHz Max.
- Good VSWR of 1.3:1
- Gold Plated Beryllium Copper Contact

**Applications**

- General Purpose Test
- PCB Applications

**Description**

Super SMA Female (Jack) End Launch PCB Connector, part number FMCN5381, from Fairview Microwave is in-stock and ships same day. This SMA female connector operates up to a maximum frequency of 26.5 GHz and offers good VSWR of 1.3:1.

Fairview's SMA female connector FMCN5381 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	Minimum	Typical	Maximum	Units
Frequency Range	DC		26.5	GHz
VSWR		1.2:1	1.3:1	
Impedance		50		Ohms

**Mechanical Specifications**

**Size**

Length	0.49 in [12.45 mm]
Width	0.291 in [7.39 mm]
Height	0.236 in [5.99 mm]
Weight	0.0037 lbs [1.68 g]
Mating Cycles	500 Cycles

**Material Specifications**

Description	Material	Plating
Contact	Beryllium Copper	Gold
Insulation	PTFE	
Body	Brass	Gold

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### Environmental Specifications

#### Temperature

Operating Range

-40 to +125 deg C

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

### Plotted and Other Data

Notes:

Super SMA Female (Jack) Connector Solder Attachment 0.047 inch End Launch PCB, 0.020 inch Pin Diameter, Up to 26.5 GHz 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: [Super SMA Female \(Jack\) Connector Solder Attachment 0.047 inch End Launch PCB, 0.020 inch Pin Diameter, Up to 26.5 GHz FMCN5381](#)

URL: <https://www.fairviewmicrowave.com/product/rf-connectors/sma-female-end-launch-pcb-connector-fmcn5381.html>

The information contained within 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 liability arising out of the use of any part or document.

# FMCN5381 CAD Drawing

Super SMA Female (Jack) Connector Solder Attachment 0.047 inch End Launch PCB, 0.020 inch Pin Diameter, Up to 26.5 GHz

