

MMCX Plug Commercial Grade PCB Connector Surface Mount Solder Attachment



FMCN5184

Configuration

- MMCX Plug Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: Surface Mount
- Commercial Grade Design

Features

- Operating Frequency of 6 GHz Max.
- Excellent VSWR of 1.15:1
- Gold Plated Beryllium Copper Contact

Applications

- General Purpose Test
- Space Saving for PCB Applications

Description

MMCX Plug Commercial Grade Connector Solder Attachment for Surface Mount Cable, part number FMCN5184, from Fairview Microwave is in-stock and ships same day. This MMCX plug connector operates up to a maximum frequency of 6 GHz and offers excellent VSWR of 1.15:1.

Fairview's MMCX plug connector FMCN5184 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 | | 6 | GHz |
| VSWR | | | 1.15:1 | |
| Operating Voltage (AC) | | | 170 | Vrms |
| Dielectric Withstanding Voltage (AC) | | | 250 | Vrms |
| Insulation Resistance | 1,000 | | | MOhms |
| Impedance | | 50 | | Ohms |

Mechanical Specifications

Size

| | |
|--------|-------------------|
| Length | 0.18 in [4.57 mm] |
| Width | 0.14 in [3.56 mm] |
| Height | 0.14 in [3.56 mm] |
| Weight | 0.02 lbs [9.07 g] |

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Material Specifications

| Description | Material | Plating |
|-----------------|------------------|---------|
| Contact | Beryllium Copper | Gold |
| Insulation | PTFE | |
| Outer Conductor | | Nickel |
| Body | Brass | Gold |

Environmental Specifications

Temperature

Operating Range -55 to +155 deg C

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

Plotted and Other Data

Notes:

MMCX Plug Commercial Grade PCB Connector Surface Mount Solder Attachment 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: [MMCX Plug Commercial Grade PCB Connector Surface Mount Solder Attachment FMCN5184](#)

URL: <https://www.fairviewmicrowave.com/mmcx-plug-surface-mount-pcb-connector-fmcn5184-p.aspx>

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.

FMCN5184 CAD Drawing

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