

Mini SMP Male (Plug) Smooth Bore Connector Solder Attachment Surface Mount PCB, Up to 67.0 GHz



FMCN5386

Configuration

- Smooth Bore Mini SMP Male Connector
- 50 Ohms
- Straight Body Geometry
- Surface Mount

Features

- Operating Frequency of 67 GHz Max.
- Good VSWR of 1.93:1
- Blind Mate Connector
- Gold Plated Brass Contact

Applications

- General Purpose Test
- Space Saving for PCB Applications

Description

Mini SMP Male Smooth Bore Connector Solder Attachment, part number FMCN5386, from Fairview Microwave is in-stock and ships same day. This Mini SMP male connector operates up to a maximum frequency of 67 GHz and offers good VSWR of 1.93:1. This blind mate connector is ideal for applications without direct visual or tactile access to the connection point, for example, when two circuit boards need to be mated.

Fairview's Mini SMP male surface mount connector FMCN5386 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		67	GHz
VSWR			1.93:1	
Impedance		50		Ohms

Electrical Specification Notes:
VSWR 1.43:1 to 40 GHz and 1.93:1 to 67 GHz

Mechanical Specifications

Size

Length	0.157 in [3.99 mm]
Width	0.157 in [3.99 mm]
Height	0.15 in [3.81 mm]
Weight	0.0006 lbs [0.27 g]
Mating Cycles	500 Cycles

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Material Specifications

Description	Material	Plating
Contact	Brass	Gold
Insulation	LCP	
Body	Brass	Gold

Environmental Specifications

Temperature

Operating Range -40 to +125 deg C

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

Plotted and Other Data

Notes:

Mini SMP Male (Plug) Smooth Bore Connector Solder Attachment Surface Mount PCB, Up to 67.0 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: [Mini SMP Male \(Plug\) Smooth Bore Connector Solder Attachment Surface Mount PCB, Up to 67.0 GHz FMCN5386](#)

URL: <https://www.fairviewmicrowave.com/product/rf-connectors/mini-smp-male-smooth-bore-pcb-connector-fmcn5386.html>

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