

SMA Female Hermetically Sealed Connector Pin Terminal Solder Attachment 4 Hole Flange , .340 inch Hole Spacing

FMCN4409



Configuration

- SMA Female Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: Pin
- 4 Hole Flange
- 5/16 inch Hex

Features

- Operating Frequency of 18 GHz Max.
- Hermetically Sealed
- Gold Plated Beryllium Copper Contact
- Contact plating according to MIL-G-45204

Applications

- General Purpose Test
- Rack and Panel Mount Applications

Description

SMA Female Hermetically Sealed Connector Solder Attachment for Pin Cable,, part number FMCN4409, from Fairview Microwave is in-stock and ships same day. This SMA female connector operates up to a maximum frequency of 18 GHz. Fairview's FMCN4409 4 hole flange SMA connector enables designers to make external connections on product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Fairview's SMA female 4 hole flange connector FMCN4409 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		18	GHz
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,500	Vrms
Insulation Resistance	5,000			MOhms
Impedance		50		Ohms

Mechanical Specifications

Size

Length	0.49 in [12.45 mm]
Width	0.5 in [12.7 mm]
Height	0.5 in [12.7 mm]
Weight	0.008 lbs [3.63 g]
Mating Cycles	500 Cycles
Mating Torque	8 to 10 in-lbs [[0.90 to 1.13 Nm]]

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Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold MIL-G-45204
Insulation	PTFE	
Body	Stainless Steel	Gold MIL-G-45204
Coupling Nut	Stainless Steel	Gold MIL-G-45204
O-Ring	Buna	

Environmental Specifications

Temperature

Operating Range
Hermetic Seal

-40 to +120 deg C

Leak rate not to exceed 1×10^{-7} cc/sec of helium at 1 atm differential.

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

Plotted and Other Data

Notes:

SMA Female Hermetically Sealed Connector Pin Terminal Solder Attachment 4 Hole Flange , .340 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: [SMA Female Hermetically Sealed Connector Pin Terminal Solder Attachment 4 Hole Flange , .340 inch Hole Spacing FMCN4409](#)

URL: <https://www.fairviewmicrowave.com/product/rf-connectors/sma-male-pin-terminal-connector-fmcn4409.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.

FMCN4409 CAD Drawing
SMA Female Hermetically Sealed Connector Pin Terminal Solder
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