

## SMA Male Connector Solder Attachment for FM-SR250ALTN, RG401

SMA male connector with solder/solder attachment for FM-SR250ALTN and RG401, part number FMCN1909, from Fairview Microwave is in-stock and ships same day. This SMA male connector operates up to a maximum frequency of 12 GHz.

Fairview's SMA male connector FMCN1909 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	Min	Typ	Max	Units
Frequency Range	DC		12	GHz
Operating Voltage (AC)			500	Vrms
DWV (AC)			1,500	Vrms
Insulation Resistance	5,000			MOhms

### Mechanical Specifications

<b>Size</b>	
Length	0.89 in [22.61 mm]
Width/Dia.	0.313 in [7.95 mm]
Height	0.313 in [7.95 mm]
Weight	0.012 lbs [5.44 g]
Mating Torque	3 to 5 in-lbs [0.34 to 0.57 Nm]

### Material Specifications

Description	Material	Plating
Contact		Gold MIL-G-45204
Insulation	PTFE	
Body	Brass	Gold MIL-G-45204
Coupling Nut	Brass	Nickel QQ-N-290

### Environmental Specifications

#### Temperature

Operating Range -65 to +165 deg C

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

### Plotted and Other Data

Notes:



### Configuration:

- SMA Male Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- FM-SR250ALTN, RG401 Interface Type
- Solder/Solder Attachment
- 5/16 inch Hex

### Features:

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

### Applications:

- General Purpose Test
- Custom Cable Assemblies

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SMA Male Connector Solder Attachment for FM-SR250ALTN, RG401 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.

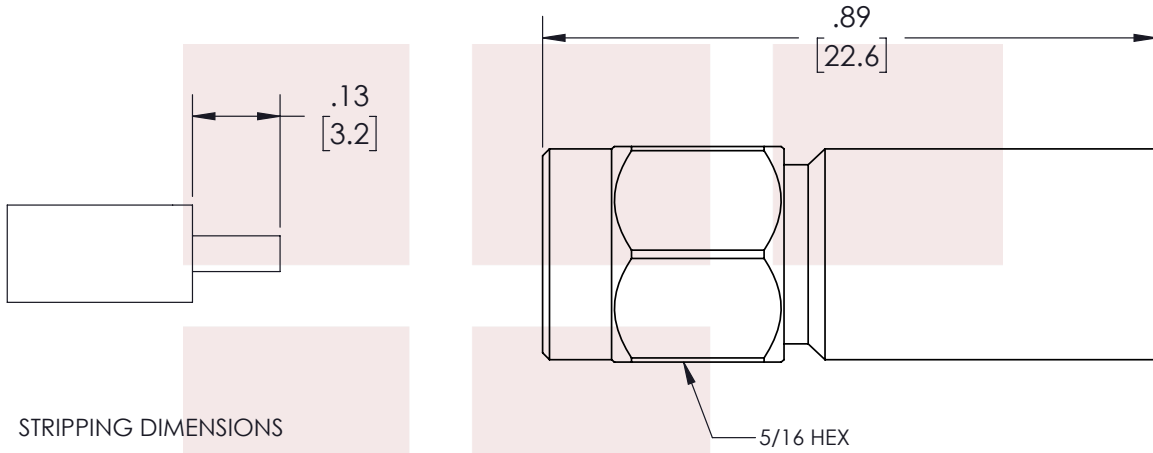
For additional information on this product, please click the following link: [SMA Male Connector Solder Attachment for FM-SR250ALTN, RG401 FMCN1909](#)

URL: <https://www.fairviewmicrowave.com/sma-male-standard-pe-sr401al-pe-sr401fl-rg401-connector-fmcn1909-p.aspx>

The information contained in 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 any liability arising out of the use of any part or documentation.



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	06/07/22	AGANWANI



**ASSEMBLY PROCEDURES**

1. STRIP CABLE AS SHOWN, DO NOT NICK CENTER CONDUCTOR.
2. SOLDER CONTACT TO CENTER CONDUCTOR. REMOVE EXCESS SOLDER.
3. INSERT CABLE INTO BODY UNTIL OUTER CONDUCTOR BOTTOMS ON WITH BODY SHOULDER. SOLDER OUTER CONDUCTOR TO BODY.

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<p><b>Fairview Microwave</b> an INFINIT<sup>®</sup> brand</p>	UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS		THIRD-ANGLE PROJECTION 	
	TOLERANCES:		CABLE LENGTH (L) TOLERANCES:	
TITLE SMA Male Connector Solder Attachment for FM-SR250ALTN, RG401	.X = ±.2 [5.08]	FRACTIONS ± 1/32	L ≤ 12 [305] = +1 [25] / -0	THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF FAIRVIEW MICROWAVE CORPORATION. ALL RIGHTS RESERVED. SHEET 1 OF 1
	.XX = ±.02 [.51]	ANGLES ± 1°	12 [305] < L ≤ 60 [1524] = +2 [51] / -0 60 [1524] < L ≤ 120 [3048] = +4 [102] / -0 120 [3048] < L ≤ 300 [7620] = +6 [152] / -0 300 [7620] < L = +5%L / -0	
ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.				SCALE N/A
SIZE A	CAGE CODE 3FKR5	DRAWN BY VTHANGARAJ	ITEM NO. FMCN1909	REV A

T-Rev.D