

RP SMA Jack (Female) Connector Clamp/Solder Attachment for RG55, RG58, RG142, RG223, RG400, LMR-195, LMR-195-FR, LMR-195-UF Cable



FMCN5301

Configuration

- SMA Jack Reverse Polarity Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG55, RG58, RG142, RG223, RG400, LMR-195, LMR-195-FR, LMR-195-UF

Features

- Operating Frequency of 12.4 GHz Max.
- Reverse Polarity
- Gold Plated Contact
- Contact plating according to MIL-G-45204

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

RP SMA Jack Standard Connector Clamp/Solder Attachment for RG55, RG58, RG142, RG223, RG400, LMR-195, LMR-195-FR and LMR-195-UF Cable, part number FMCN5301, from Fairview Microwave is in-stock and ships same day. Our reverse polarity jack configuration uses a jack connector body with an inner contact pin. This SMA jack connector operates up to a maximum frequency of 12.4 GHz.

Fairview's RP SMA jack connector FMCN5301 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		12.4	GHz
Impedance		50		Ohms

Mechanical Specifications

Size

Length	0.715 in [18.16 mm]
Width	0.312 in [7.92 mm]
Height	0.312 in [7.92 mm]
Weight	0.009 lbs [4.08 g]

Material Specifications

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

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Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

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

Plotted and Other Data

Notes:

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For additional information on this product, please click the following link: [RP SMA Jack \(Female\) Connector Clamp/Solder Attachment for RG55, RG58, RG142, RG223, RG400, LMR-195, LMR-195-FR, LMR-195-UF Cable FMCN5301](#)

URL: <https://www.fairviewmicrowave.com/sma-jack-reverse-polarity-rg55-rg58-rg142-rg223-rg400-lmr-195-lmr-195-fr-lmr-195-uf-connector-fmcn5301-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.

FMCN5301 CAD Drawing

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