

## M39012/56-3107 RA SMA Male (Plug) Connector For RG55, RG142, RG223, RG400 Cable, Crimp/Solder



### M39012/56-3107

#### Configuration

- SMA Male Connector
- 50 Ohms
- Right Angle Body Geometry
- Connector Interface Types: RG55, RG142, RG223, RG400
- 5/16 inch Hex

#### Features

- Operating Frequency of 12.4 GHz Max.
- Excellent VSWR of 1.25:1
- Gold Plated Brass Contact

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

M39012/56-3107 RA SMA Male Connector Crimp/Solder Attachment for RG55, RG142, RG223 and RG400 Cable, part number M39012/56-3107, from Fairview Microwave is in-stock and ships same day. This SMA male connector operates up to a maximum frequency of 12.4 GHz and offers excellent VSWR of 1.25:1. Its right angle body geometry facilitates connections in tight spaces.

Fairview's RA SMA male connector M39012/56-3107 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
VSWR			1.25:1	
Impedance		50		Ohms

#### Mechanical Specifications

##### Size

Length	0.681 in [17.3 mm]
Width	0.76 in [19.3 mm]
Height	0.312 in [7.92 mm]
Weight	0.013 lbs [5.9 g]

#### Material Specifications

Description	Material	Plating
Contact	Brass	Gold
Insulation	PTFE	
Outer Conductor	Passivated Stainless Steel	Gold
Body	Passivated Stainless Steel	Gold
Coupling Nut	Stainless Steel	

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#### Environmental Specifications

Temperature

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

#### Plotted and Other Data

Notes:

M39012/56-3107 RA SMA Male (Plug) Connector For RG55, RG142, RG223, RG400 Cable, Crimp/Solder 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: [M39012/56-3107 RA SMA Male \(Plug\) Connector For RG55, RG142, RG223, RG400 Cable, Crimp/Solder M39012/56-3107](#)

URL: <https://www.fairviewmicrowave.com/product/rf-connectors/sma-male-rg55-rg142-rg223-rg400-connector-m39012-56-3107.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.

# M39012/56-3107 CAD Drawing

M39012/56-3107 RA SMA Male (Plug) Connector For RG55, RG142, RG223, RG400 Cable, Crimp/Solder

