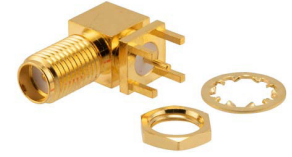


RA SMA Female Bulkhead Commercial Grade PCB Connector Thru Hole Solder Attachment



FMCN5190

Configuration

- SMA Female Connector
- 50 Ohms
- Right Angle Body Geometry
- Connector Interface Types: Thru Hole
- Bulkhead
- Commercial Grade Design

Features

- Operating Frequency of 18 GHz Max.
- Gold over Nickel over Copper Plated Brass Contact

Applications

- General Purpose Test
- Rack and Panel Mount Applications
- PCB Applications

Description

RA SMA Female Bulkhead Commercial Grade Bulkhead Connector Solder Attachment for Thru hole Cable, part number FMCN5190, from Fairview Microwave is in-stock and ships same day. This SMA female connector operates up to a maximum frequency of 18 GHz. Its right angle body geometry facilitates connections in tight spaces. Fairview's FMCN5190 bulkhead 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 RA SMA female bulkhead connector FMCN5190 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
Impedance		50		Ohms

Mechanical Specifications

Size

Length	0.67 in [17.02 mm]
Width	0.52 in [13.21 mm]
Height	0.28 in [7.11 mm]
Weight	0.03 lbs [13.61 g]

RA SMA Female Bulkhead Commercial Grade PCB Connector Thru Hole Solder Attachment



FMCN5190

Material Specifications

Description	Material	Plating
Contact	Brass	Gold over Nickel over Copper
Insulation	PTFE	
Body	Brass	Gold over Nickel over Copper
Coupling Nut		Gold over Nickel over Copper 0.76µin minimum
Washer		Gold over Nickel over Copper 0.76µin minimum

Environmental Specifications

Temperature

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

Plotted and Other Data

Notes:

RA SMA Female Bulkhead Commercial Grade PCB Connector Thru Hole Solder Attachment 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: [RA SMA Female Bulkhead Commercial Grade PCB Connector Thru Hole Solder Attachment FMCN5190](#)

URL: <https://www.fairviewmicrowave.com/sma-female-thru-hole-pcb-connector-fmcn5190-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.

FMCN5190 CAD Drawing

RA SMA Female Bulkhead Commercial Grade PCB Connector Thru Hole Solder Attachment

