

SMA Female Bulkhead Commercial Grade PCB Connector Thru Hole Solder Attachment Gold Finish



FMCN5200

Configuration

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

Features

- Operating Frequency of 18 GHz Max.
- Good VSWR of 1.3:1
- Gold Plated Beryllium Copper Contact
- IP67

Applications

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

Description

SMA Female Bulkhead Commercial Grade Bulkhead Connector Solder Attachment for Thru hole Cable, part number FMCN5200, from Fairview Microwave is in-stock and ships same day. This SMA female connector operates up to a maximum frequency of 18 GHz and offers good VSWR of 1.3:1. Fairview's FMCN5200 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. Our FMCN5200 connector has an IP67 rating to protect against dust and temporary moisture protection under immersion conditions.

Fairview's SMA female bulkhead connector FMCN5200 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
VSWR			1.3:1	
Impedance		50		Ohms

Mechanical Specifications

Size

Length	0.72 in [18.29 mm]
Width	0.44 in [11.18 mm]
Height	0.44 in [11.18 mm]
Weight	0.0075 lbs [3.4 g]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold
Insulation	PTFE	
Body	Brass	Gold

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Environmental Specifications

Temperature

Operating Range

-55 to +165 deg C

Ingress Protection (IP) Rating

IP67

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

Plotted and Other Data

Notes:

SMA Female Bulkhead Commercial Grade PCB Connector Thru Hole Solder Attachment Gold Finish 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.

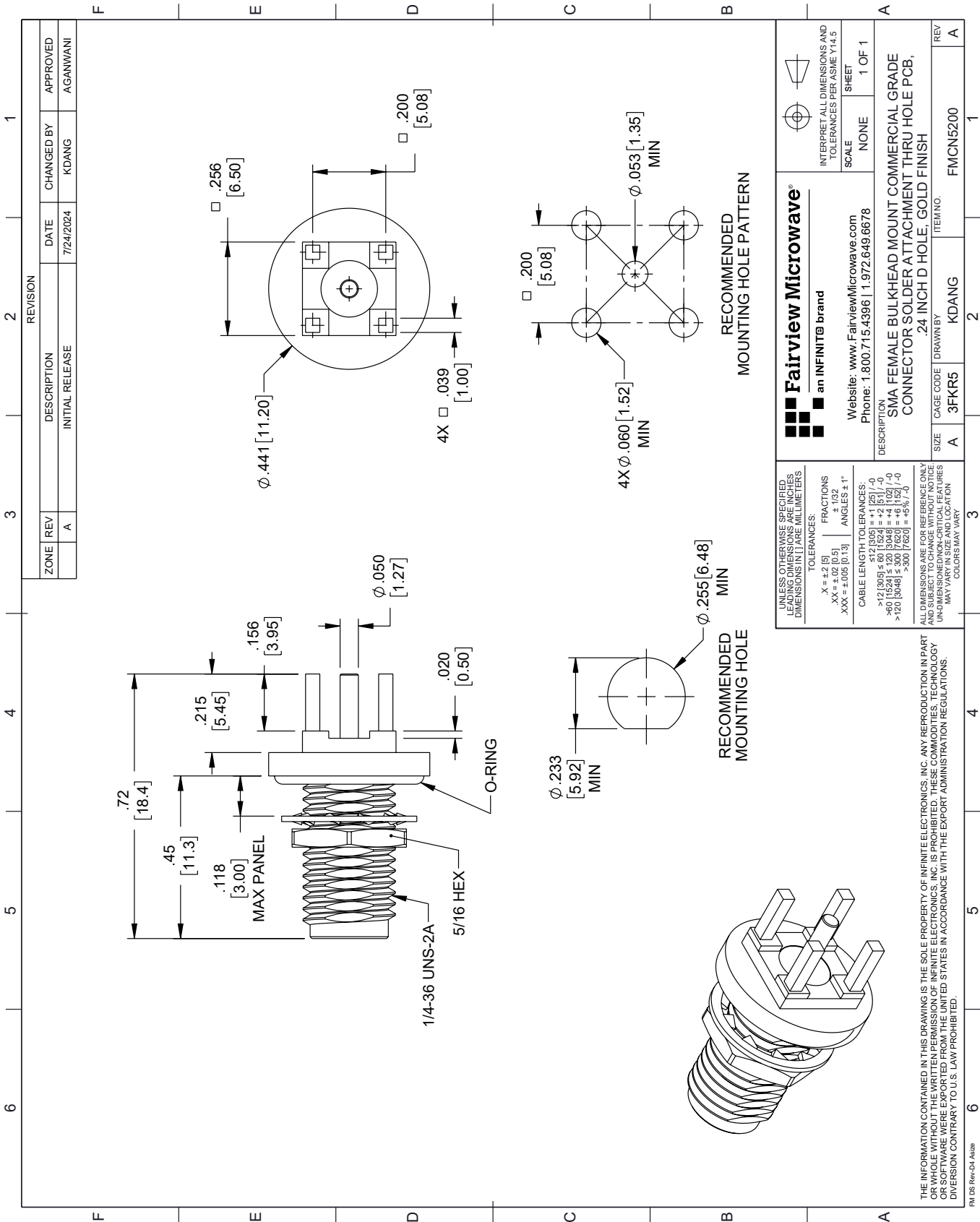
For additional information on this product, please click the following link: [SMA Female Bulkhead Commercial Grade PCB Connector Thru Hole Solder Attachment Gold Finish FMCN5200](#)

URL: <https://www.fairviewmicrowave.com/sma-female-thru-hole-pcb-connector-fmcn5200-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.

FMCN5200 CAD Drawing

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REVISION			
ZONE	REV	DESCRIPTION	DATE
	A	INITIAL RELEASE	7/24/2024
		CHANGED BY	AGANWANI

Fairview Microwave®		Website: www.FairviewMicrowave.com	
an INFINITI® brand		Phone: 1.800.715.4396 1.972.649.6678	
INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5		SCALE	SHEET
		NONE	1 OF 1

DESCRIPTION			
SMA FEMALE BULKHEAD MOUNT COMMERCIAL GRADE CONNECTOR SOLDER ATTACHMENT THRU HOLE PCB, .24 INCH D HOLE, GOLD FINISH			
SIZE	CAGE CODE	DRAWN BY	ITEM NO.
A	3FKR5	KDANG	FMCN5200
REV			
A			