

2.2-5 Female Low PIM Connector Terminal Solder/Solder Attachment 4 Hole Flange



FMCN45995

Configuration

- 2.2-5 Female Connector
- 50 Ohms
- Straight Body Geometry
- 4 Hole Flange
- Low PIM Design

Features

- Operating Frequency of 6 GHz Max.
- Silver Plated Bronze Contact
- Max of VSWR 1.15:1 at 3GHz, Max of VSWR 1.25:1 at 6GHz
- PIM is less than -160dBc at 1.8GHz typical

Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Wireless Communications
- Low PIM Applications

Description

2.2-5 Female 4 hole Flange Mount Low PIM 4 hole Flange Mount Connector Solder/Solder Attachment, part number FMCN45995, from Fairview Microwave is in-stock and ships same day. This 2.2-5 female connector operates up to a maximum frequency of 6 GHz. Fairview's FMCN45995 4 hole flange 2.2-5 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 2.2-5 female 4 hole flange connector FMCN45995 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		6	GHz
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Impedance		50		Ohms

Mechanical Specifications

Size

Length	0.854331 in [21.7 mm]
Width	0.688976 in [17.50 mm]
Height	0.688976 in [17.5 mm]
Weight	0.02805 lbs [12.72 g]

Material Specifications

Description	Material	Plating
Contact	Bronze	Silver
Insulation	PTFE	
Outer Conductor	Bronze	Silver
Body	Brass	Tri-Metal

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Environmental Specifications

Temperature

Operating Range

-40 to +155 deg C

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

Plotted and Other Data

Notes:

2.2-5 Female Low PIM Connector Terminal Solder/Solder Attachment 4 Hole Flange 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.

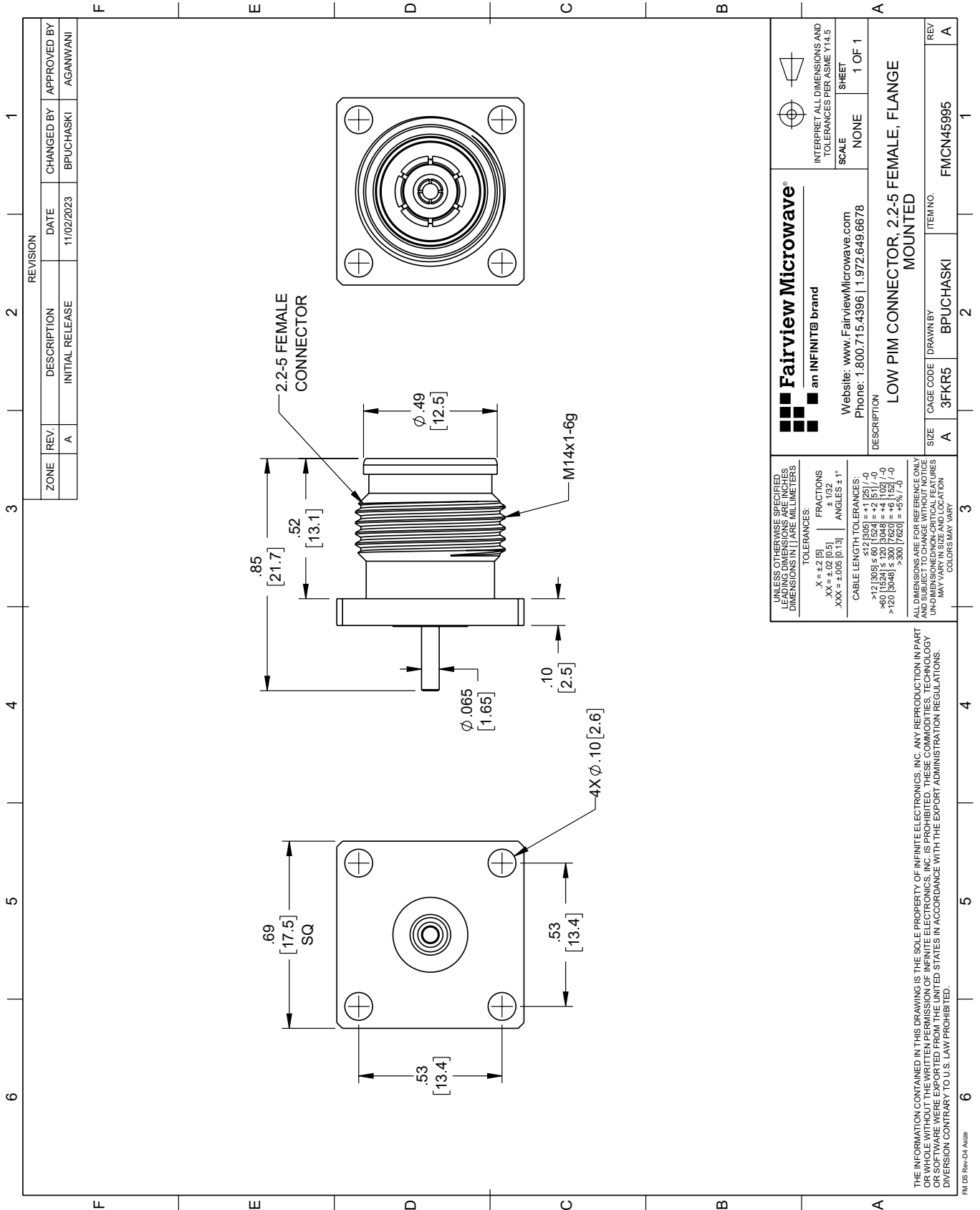
For additional information on this product, please click the following link: [2.2-5 Female Low PIM Connector Terminal Solder/Solder Attachment 4 Hole Flange FMCN45995](#)

URL: <https://www.fairviewmicrowave.com/2.2-5-female-terminal-connector-fmcn45995-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.

FMCN45995 CAD Drawing

2.2-5 Female Low PIM Connector Terminal Solder/Solder Attachment 4 Hole Flange



REVISION		DATE	CHANGED BY	APPROVED BY
ZONE	REV.	DESCRIPTION	INITIAL RELEASE	
	A		11/02/2023	BPUCHASKI
				AGANWANI

 an INFINIT® brand		Website: www.FairviewMicrowave.com Phone: 1.800.715.4396 1.972.649.6678	INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5 SCALE: NONE SHEET: 1 OF 1
DESCRIPTION: LOW PIM CONNECTOR, 2.2-5 FEMALE, FLANGE MOUNTED			
SIZE	CAGE CODE	DRAWN BY	ITEM NO.
A	3FKR5	BPUCHASKI	FMCN45995

UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE IN INCHES AND TRAILING DIMENSIONS ARE IN MILLIMETERS.

TOLERANCES:

X = ±.2 [5] FRACTIONS ± 1/32
 .XX = ±.02 [0.5] ANGLES ± 1°
 .XXX = ±.005 [0.13]

CABLE LENGTH TOLERANCES:

>12 [305] ≤ 60 [1524] = ±.1 [25] / -0
 >60 [1524] ≤ 120 [3048] = ±.2 [5] / -0
 >120 [3048] ≤ 300 [7620] = ±.4 [10] / -0
 >300 [7620] = ±.6 [15] / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY. UNDIMENSIONED/NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.

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