

**4.3-10 Female Low PIM Connector Solder Cup Terminal Solder Attachment 4 Hole Flange IP67 Rated**

4.3-10 female 4 hole flange mount connector with solder cup terminal, part number FMCN1189, from Fairview Microwave is in-stock and ships same day. This 4.3-10 female connector operates up to a maximum frequency of 6 GHz and offers excellent VSWR of 1.08:1. The 4.3-10 female connector also has low passive intermodulation (PIM) of -166 dBc. Fairview's FMCN1189 4 hole flange 4.3-10 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 FMCN1189 connector has an IP67 rating to protect against dust and temporary moisture protection under immersion conditions.

Fairview's 4.3-10 female 4 hole flange connector FMCN1189 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	Min	Typ	Max	Units
Frequency Range	DC		6	GHz
VSWR			1.08:1	
Insertion Loss			0.13	dB
Passive Intermodulation		-166		dBc
Operating Voltage (AC)			1,000	Vrms
DWV (AC)			2,500	Vrms
Insulation Resistance	5,000			MOhms

**Mechanical Specifications**

<b>Size</b>	
Length	1.37 in [34.8 mm]
Width/Dia.	1 in [25.40 mm]
Height	1 in [25.4 mm]
Weight	0.126 lbs [57.15 g]
Mating Cycles	100 Cycles

**Material Specifications**

Description	Material	Plating
Contact	Brass	Silver
Insulation	PTFE	
Outer Conductor	Brass	Tri-Metal
Body	Brass	Tri-Metal
Gasket	Silicone Rubber	



**Configuration:**

- 4.3-10 Female Connector
- Straight Body Geometry
- Solder Cup Interface Type
- Solder Attachment
- 4 Hole Flange
- Low PIM Design

**Features:**

- Operating Frequency of 6 GHz Max.
- Excellent VSWR of 1.08:1
- PIM levels better than -166 dBc
- Silver Plated Brass Contact
- IP 67 Rated
- Corrosion Resistant Tri-Metal Finish
- Low-PIM rating of -166 dBc
- Low Coupling Torque

**Applications:**

- General Purpose Test
- Rack and Panel Mount Applications
- Wireless Communications
- Low PIM Applications
- Mobile Communications Systems
- Distributed Antenna Systems (DAS)
- Small Cells
- Feeder Cables

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**Environmental Specifications**

**Temperature**

Operating Range -55 to +90 deg C  
Ingress Protection (IP) Rating IP 67 Rated

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

**Plotted and Other Data**

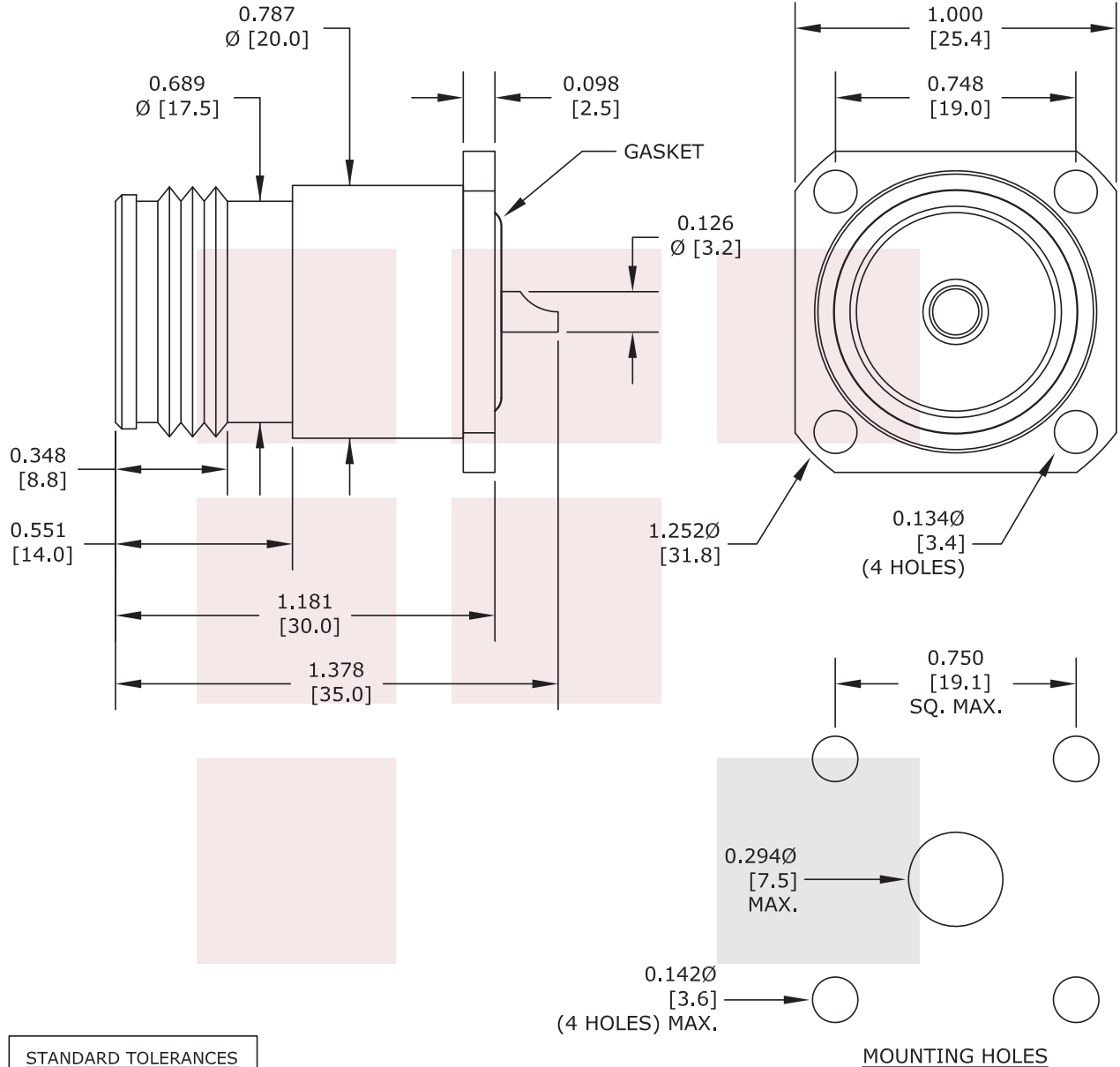
Notes:

4.3-10 Female Low PIM Connector Solder Cup Terminal Solder Attachment 4 Hole Flange IP67 Rated 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 Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [4.3-10 Female Low PIM Connector Solder Cup Terminal Solder Attachment 4 Hole Flange IP67 Rated FMCN1189](#)

URL: <https://www.fairviewmicrowave.com/4.3-10-female-solder-cup-terminal-connector-fmcn1189-p.aspx>

The information contained in 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 any liability arising out of the use of any part or documentation.



STANDARD TOLERANCES	
.X	±0.2
.XX	±0.1
.XXX	±0.05

\*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

<b>FAIRVIEW MICROWAVE INC.</b> ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM		NOTES: 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. 3. DIMENSIONS ARE IN INCHES [mm].			
TITLE 4.3-10 Female Low PIM Connector Solder Cup Terminal Solder Attachment 4 Hole Flange IP67 Rated		DWG NO FMCN1189		CAGE CODE 3FKR5	
CAD FILE	011617	SHEET	SCALE	N/A	SIZE A 2233