

BMA Plug Slide-On Connector Stub Terminal Solder Attachment 2 Hole Flange , .481 inch Hole Spacing Rated to 18GHz

BMA plug slide-on 2 hole flange mount connector with solder attachment stub terminal (.481 inch hole spacing), part number FMCN1228, from Fairview Microwave is in-stock and ships same day. This BMA plug connector operates up to a maximum frequency of 18 GHz and offers excellent VSWR of 1.2:1. This blind mate connector is ideal for applications without direct visual or tactile access to the connection point, for example, when two circuit boards need to be mated. Fairview's FMCN1228 2 hole flange BMA 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 BMA plug 2 hole flange connector FMCN1228 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		18	GHz
VSWR			1.2:1	
Insertion Loss			0.3	dB
Operating Voltage (AC)			500	Vrms
DWV (AC)			1,000	Vrms
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size	
Length	0.64 in [16.26 mm]
Width/Dia.	0.63 in [16.00 mm]
Height	0.26 in [6.6 mm]
Weight	0.011 lbs [4.99 g]
Mating Cycles	500 Cycles

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 51.18µ in. minimum
Insulation	PTFE	
Outer Conductor	Brass	Tri-Metal 78.74µ in. minimum
Body	Brass	Tri-Metal 78.74µ in. minimum



Configuration:

- Slide-On BMA Plug Connector
- 50 Ohms
- Straight Body Geometry
- Stub Interface Type
- Solder Attachment
- 2 Hole Flange

Features:

- Operating Frequency of 18 GHz Max.
- Excellent VSWR of 1.2:1
- Blind Mate Connector
- Gold Plated Brass Contact
- 51.18µ in. minimum contact plating
- Low-Engagement Force

Applications:

- General Purpose Test
- Rack and Panel Mount Applications
- Phased Array Systems
- Blind Mating
- RF Backplanes
- Rack and Panel
- Base Stations
- Test I/O

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Gasket	Silicone Rubber
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Environmental Specifications

Temperature

Operating Range -65 to +125 deg C

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

Plotted and Other Data

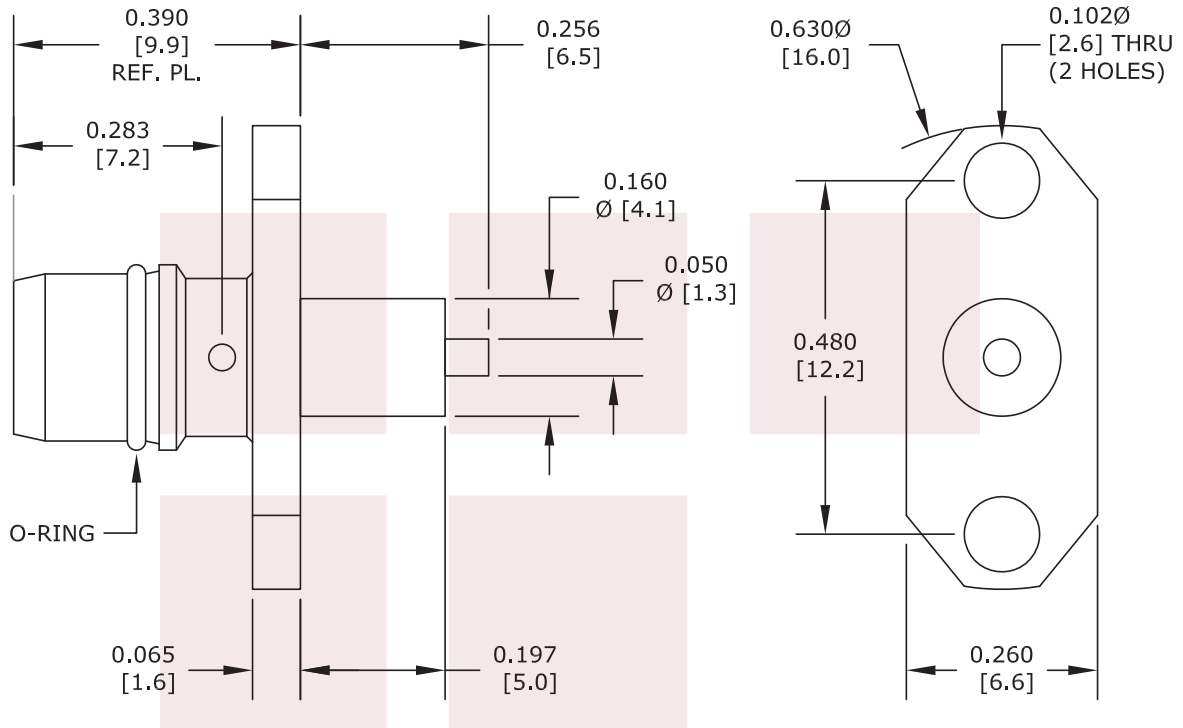
Notes:

BMA Plug Slide-On Connector Stub Terminal Solder Attachment 2 Hole Flange , .481 inch Hole Spacing Rated to 18GHz 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: [BMA Plug Slide-On Connector Stub Terminal Solder Attachment 2 Hole Flange , .481 inch Hole Spacing Rated to 18GHz FMCN1228](#)

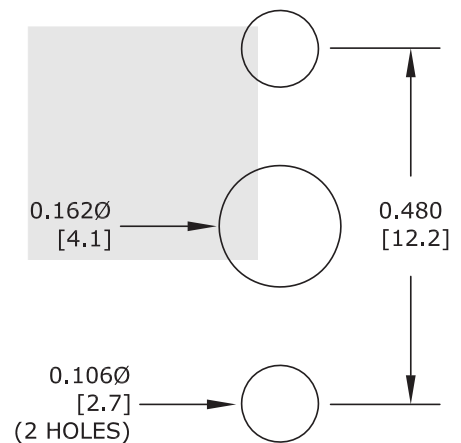
URL: <https://www.fairviewmicrowave.com/bma-plug-slide-on-stub-terminal-connector-fmcn1228-p.aspx>

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



MOUNTING HOLES

FAIRVIEW MICROWAVE INC. 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 BMA Plug Slide-On Connector Stub Terminal Solder Attachment 2 Hole Flange , .481 inch Hole Spacing Rated to 18GHz		DWG NO FMCN1228		CAGE CODE 3FKR5	
CAD FILE	021317	SHEET	SCALE	N/A	SIZE A 2233