

SMP Male Limited Detent Connector Solder Attachment 2 Hole Flange for RG405 Cable

SMP male limited detent 2 hole flange mount connector with solder/solder attachment for RG405, part number FMCO1054, from Fairview Microwave is in-stock and ships same day. This SMP male connector operates up to a maximum frequency of 18 GHz and offers good VSWR of 1.3:1. 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 FMCO1054 2 hole flange SMP 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 SMP male 2 hole flange connector FMCO1054 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			1.3:1	
Operating Voltage (AC)			335	Vrms

Mechanical Specifications

Size	
Length	0.386 in [9.8 mm]
Width/Dia.	0.189 in [4.80 mm]
Height	0.492 in [12.5 mm]
Weight	0.006 lbs [2.72 g]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 30µ in. minimum
Insulation	PTFE	
Body	Brass	Gold 3µ in. minimum



Configuration:

- Limited Detent SMP Male Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- RG405 Interface Type
- Solder/Solder Attachment
- 2 Hole Flange

Features:

- Operating Frequency of 18 GHz Max.
- Good VSWR of 1.3:1
- Blind Mate Connector
- Gold Plated Beryllium Copper Contact
- 30µ in. minimum contact plating

Applications:

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies

Fairview Microwave
301 Leora Ln., Suite 100
Lewisville, TX 75056
Tel: 1-800-715-4396 / (972) 649-6678
Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

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

Plotted and Other Data

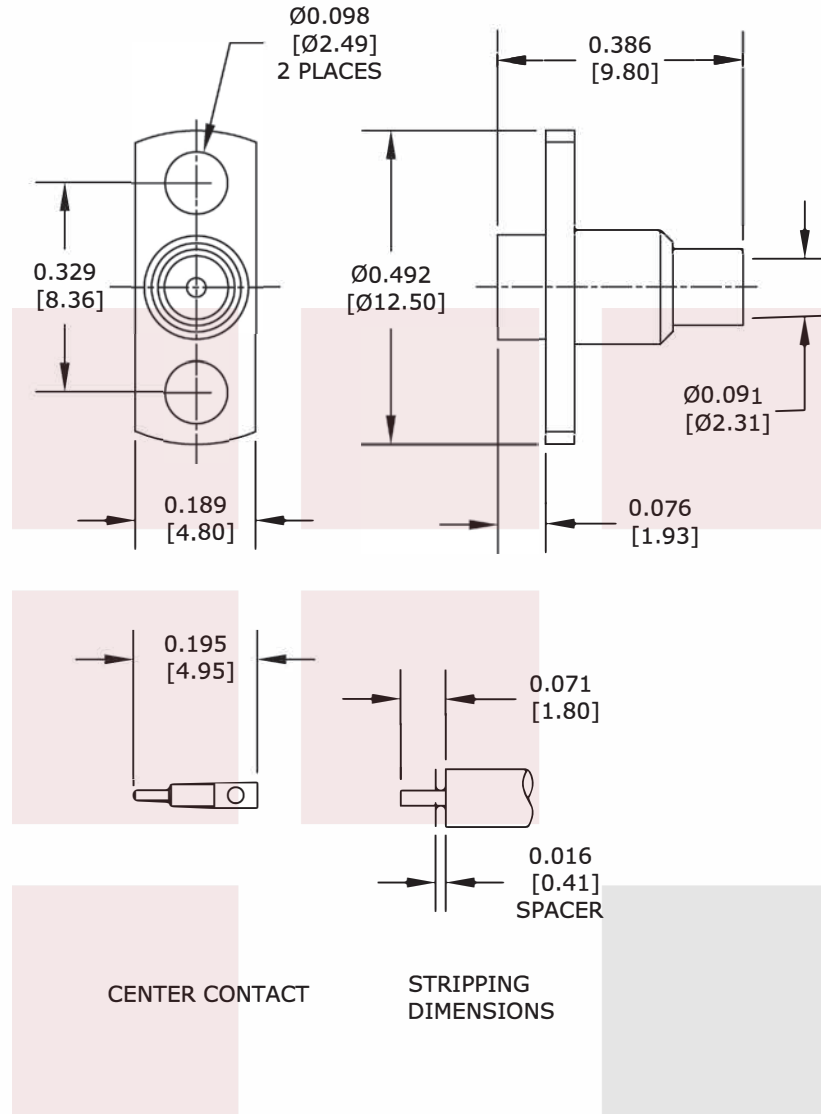
Notes:

SMP Male Limited Detent Connector Solder Attachment 2 Hole Flange for RG405 Cable 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: [SMP Male Limited Detent Connector Solder Attachment 2 Hole Flange for RG405 Cable FMCO1054](#)

URL: <https://www.fairviewmicrowave.com/smp-male-limited-detent-rg405-connector-fmco1054-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.



ASSEMBLY PROCEDURES

1. STRIP THE CABLE TO THE DIMENSIONS SHOWN, DO NOT NICK CENTER CONDUCTOR.
2. INSERT THE CENTER CONDUCTOR FULLY INTO THE CONTACT USING THE SPACER AND SOLDER. REMOVE THE SPACER AND ANY EXCESS SOLDER.
3. PUSH THE CONTACT INTO THE BODY UNTIL IT SEATS.
4. SOLDER THE OUTER CONDUCTOR TO THE BODY.

FAIRVIEW MICROWAVE INC.		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].		
WWW.FAIRVIEWMICROWAVE.COM		DWG NO	CAGE CODE	
TITLE		FMCO1054	3FKR5	
SMP Male Limited Detent Connector Solder Attachment 2 Hole Flange for RG405 Cable		CAD FILE 102715	SHEET	SCALE N/A SIZE A 2233