

7/16 DIN Female Low PIM Connector Stub Terminal Solder Attachment 4 Hole Flange

7/16 DIN female 4 hole flange mount low PIM connector with solder attachment stub terminal, part number SC4917, from Fairview Microwave is in-stock and ships same day. This 7/16 DIN female connector operates up to a maximum frequency of 7.5 GHz and offers excellent VSWR of 1.15:1. The 7/16 DIN female connector also has low passive intermodulation (PIM) of -163 dBc. Fairview's SC4917 4 hole flange 7/16 DIN 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 7/16 DIN female 4 hole flange connector SC4917 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		7.5	GHz
VSWR			1.15:1	
Passive Intermodulation using two 20W tones			-163	dBc

Mechanical Specifications

Size	
Length	1.67 in [42.42 mm]
Width/Dia.	1 in [25.40 mm]
Height	1 in [25.4 mm]
Weight	0.16887 lbs [76.6 g]
Mating Cycles	500 Cycles

Material Specifications

Description	Material	Plating
Contact	Brass	Silver QQ-S-365
Insulation	PTFE	
Outer Conductor	Brass	Tri-Metal



Configuration:

- 7/16 DIN Female Connector
- 50 Ohms
- Straight Body Geometry
- Stub Interface Type
- Solder Attachment
- 4 Hole Flange
- Low PIM Design

Features:

- Operating Frequency of 7.5 GHz Max.
- Excellent VSWR of 1.15:1
- PIM levels better than -163 dBc
- Silver Plated Brass Contact
- Contact plating according to QQ-S-365

Applications:

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

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Environmental Specifications

Temperature

Operating Range -45 to +120 deg C

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

Plotted and Other Data

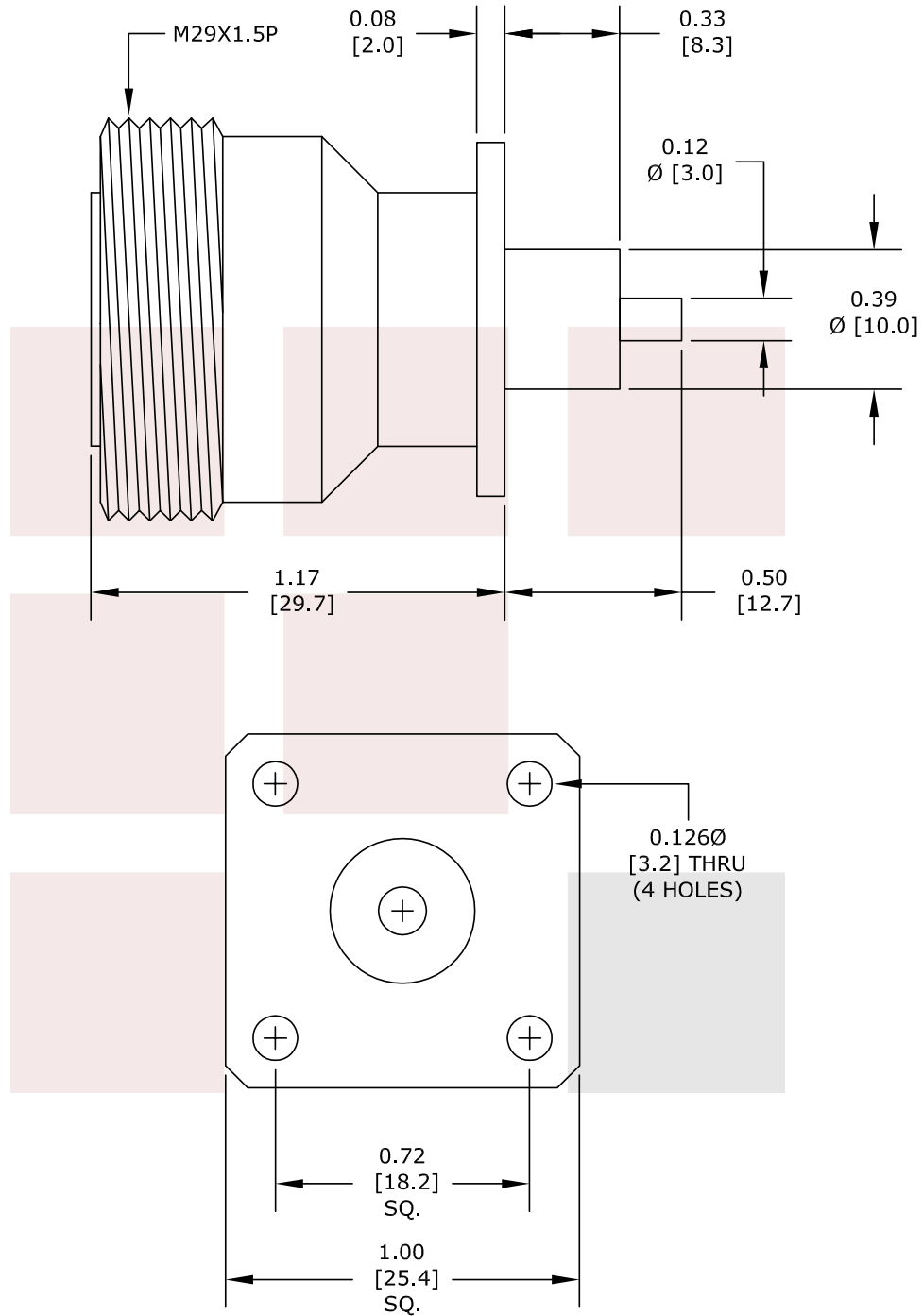
Notes:

7/16 DIN Female Low PIM Connector Stub Terminal 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 Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [7/16 DIN Female Low PIM Connector Stub Terminal Solder Attachment 4 Hole Flange SC4917](#)

URL: <https://www.fairviewmicrowave.com/7-16-female-standard-stub-terminal-connector-sc4917-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.



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TITLE 7/16 DIN Female Low PIM Connector Stub Terminal Solder Attachment 4 Hole Flange		DWG NO SC4917		CAGE CODE 3FKR5	
CAD FILE	111814	SHEET	SCALE	N/A	SIZE A 150