

SMA Female Connector Stub Terminal Solder Attachment 4 Hole Flange

SMA female 4 hole flange mount connector with solder attachment stub terminal, part number SC3732, from Fairview Microwave is in-stock and ships same day. This SMA female connector operates up to a maximum frequency of 18 GHz and offers good VSWR of 1.35:1. Fairview's SC3732 4 hole flange SMA 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 SMA female 4 hole flange connector SC3732 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.



Configuration:

- SMA Female Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- Stub Interface Type
- Solder Attachment
- 4 Hole Flange

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		18	GHz
VSWR			1.35:1	
DWV (AC)			1,000	Vrms
High Potential Voltage			335	Vrms
Insulation Resistance	5,000			MOhms

Features:

- Operating Frequency of 18 GHz Max.
- Good VSWR of 1.35:1
- Gold Plated Beryllium Copper Contact
- Contact plating according to MIL-G-45204

Mechanical Specifications

Size	
Length	1.08 in [27.43 mm]
Width/Dia.	0.5 in [12.70 mm]
Height	0.5 in [12.7 mm]
Weight	0.0105 lbs [4.76 g]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold MIL-G-45204
Insulation	PTFE	
Outer Conductor	Passivated Stainless Steel	QQ-P-35
Body	Passivated Stainless Steel	QQ-P-35

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

Applications:

- General Purpose Test
- Rack and Panel Mount Applications

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Humidity	Method 106, MIL-STD-202
Shock	Method 213, MIL-STD-202, Cond. I
Vibration	Method 204, MIL-STD-202, Cond. B
Thermal Shock	Method 107, MIL-STD-202, Cond. B
Salt Spray	Method 101 lbs. MIL-STD-202, Cond. B

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

Plotted and Other Data

Notes:

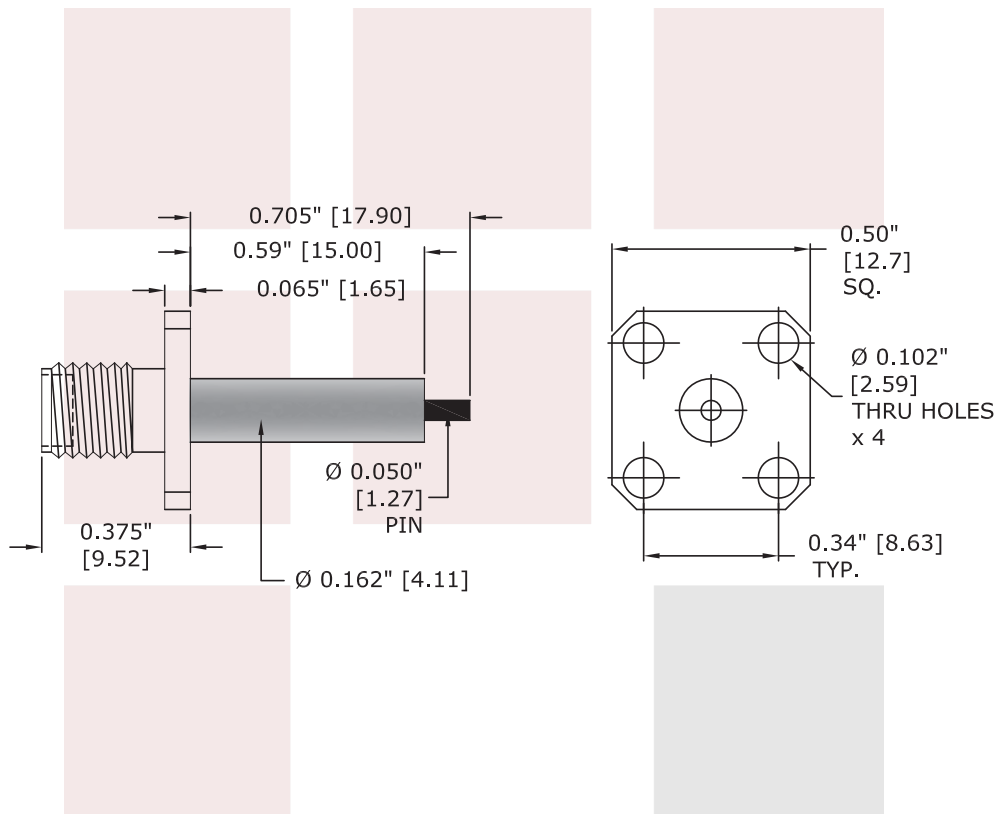
Assembly Instruction

SMA Female 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: [SMA Female Connector Stub Terminal Solder Attachment 4 Hole Flange SC3732](#)

URL: <https://www.fairviewmicrowave.com/sma-female-standard-stub-terminal-connector-sc3732-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 SMA Female Connector Stub Terminal Solder Attachment 4 Hole Flange		DWG NO SC3732		CAGE CODE 3FKR5	
CAD FILE	012116	SHEET	SCALE	N/A	SIZE A 5568