

SMA Male Connector Slotted Contact Terminal Field Replaceable Attachment 4 Hole Flange

SMA male 4 hole flange mount connector with field replaceable attachment slotted contact terminal, part number SC7655, from Fairview Microwave is in-stock and ships same day. This SMA male connector operates up to a maximum frequency of 18 GHz and offers excellent VSWR of 1.25:1. Fairview's SC7655 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 field replaceable connector is easy to install or replace in the field.

Fairview's SMA male 4 hole flange connector SC7655 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			1.25:1	

Mechanical Specifications

Size	
Length	0.55 in [13.97 mm]
Width/Dia.	0.375 in [9.53 mm]
Height	0.375 in [9.53 mm]
Weight	0.0075 lbs [3.4 g]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold MIL-G-45204
Insulation	PTFE	
Outer Conductor	Stainless Steel	Gold
Body	Stainless Steel	Gold MIL-G-45204
Coupling Nut	Stainless Steel	Gold MIL-G-45204



Configuration:

- SMA Male Connector
- 50 Ohms
- Straight Body Geometry
- Slotted Contact Interface Type
- Field Replaceable Attachment
- 4 Hole Flange

Features:

- Operating Frequency of 18 GHz Max.
- Excellent VSWR of 1.25:1
- Gold Plated Beryllium Copper Contact
- Contact plating according to MIL-G-45204

Applications:

- General Purpose Test
- Rack and Panel Mount Applications

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Environmental Specifications

Temperature

Operating Range -55 to +155 deg C

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

Plotted and Other Data

Notes:

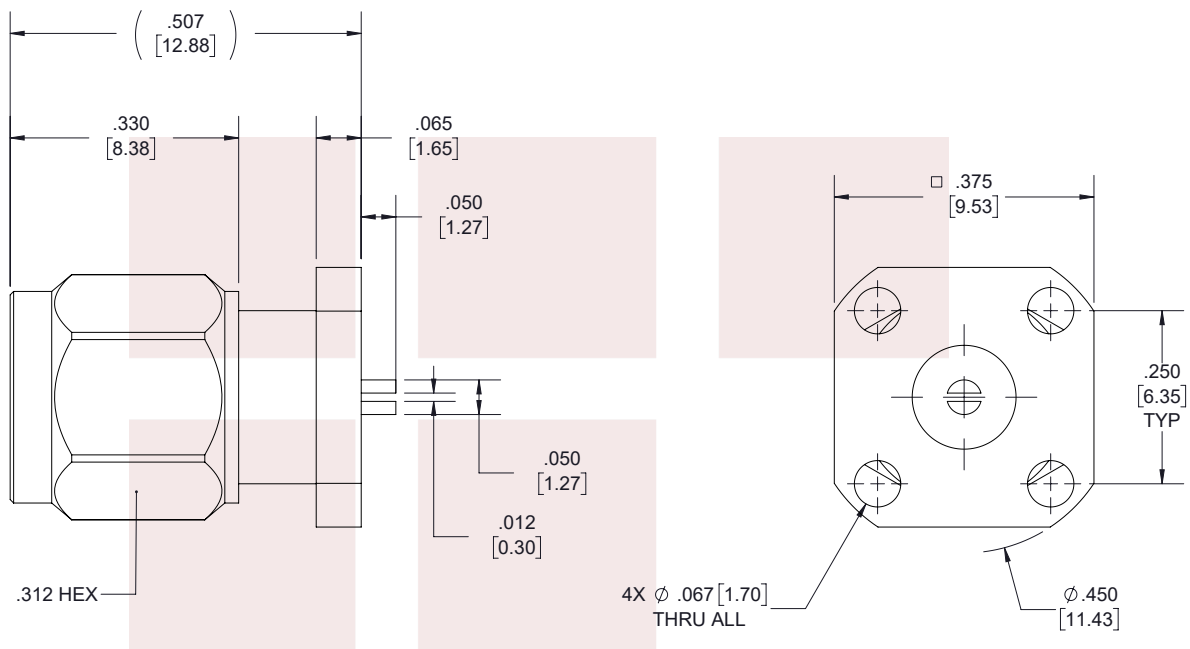
Assembly Instruction

SMA Male Connector Slotted Contact Terminal Field Replaceable 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 Male Connector Slotted Contact Terminal Field Replaceable Attachment 4 Hole Flange SC7655](#)

URL: <https://www.fairviewmicrowave.com/sma-male-standard-slotted-contact-terminal-connector-sc7655-p.aspx>

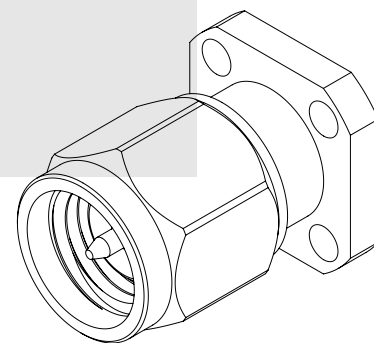
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to 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	±0.01
.XXX	±0.005

*STANDARD TOLERANCES APPLY
ONLY TO DIMENSIONS IN INCHES



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TITLE

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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].

DWG NO

SC7655

CAGE CODE

3FKR5

CAD FILE

022318

SHEET

1 OF 1

SCALE

N/A

SIZE

A 7361