

2.92mm Female Connector Clamp/Non-Solder Contact Attachment 4 Hole Flange For .047 SR Cable

2.92mm female 4 hole flange mount connector with clamp/non-solder contact attachment for .047 SR, part number SC7621, from Fairview Microwave is in-stock and ships same day. This 2.92mm female connector operates up to a maximum frequency of 40 GHz and offers excellent VSWR of 1.2:1. Fairview's SC7621 4 hole flange 2.92mm 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 2.92mm female 4 hole flange connector SC7621 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		40	GHz
VSWR			1.2:1	
Operating Voltage (AC)			170	Vrms
DWV (AC)			500	Vrms
High Potential Voltage 5 to 7.5 MHz			325	Vrms
Corona Discharge at 70,000 ft.			125	Vrms
Insulation Resistance	5,000			MOhms
RF Leakage	90			dB

Mechanical Specifications

Size	
Length	0.565 in [14.35 mm]
Width/Dia.	0.5 in [12.70 mm]
Weight	0.011 lbs [4.99 g]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 50 µin minimum
Insulation	ULTEM	
Outer Conductor	Passivated Stainless Steel	SAE-AMS-2700



Configuration:

- 2.92mm Female Connector
- 50 Ohms
- Straight Body Geometry
- .047 SR Interface Type
- Clamp/Non-Solder Contact Attachment
- 4 Hole Flange

Features:

- Operating Frequency of 40 GHz Max.
- Excellent VSWR of 1.2:1
- Gold Plated Beryllium Copper Contact
- 50 µin minimum contact plating

Applications:

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

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Environmental Specifications

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

Plotted and Other Data

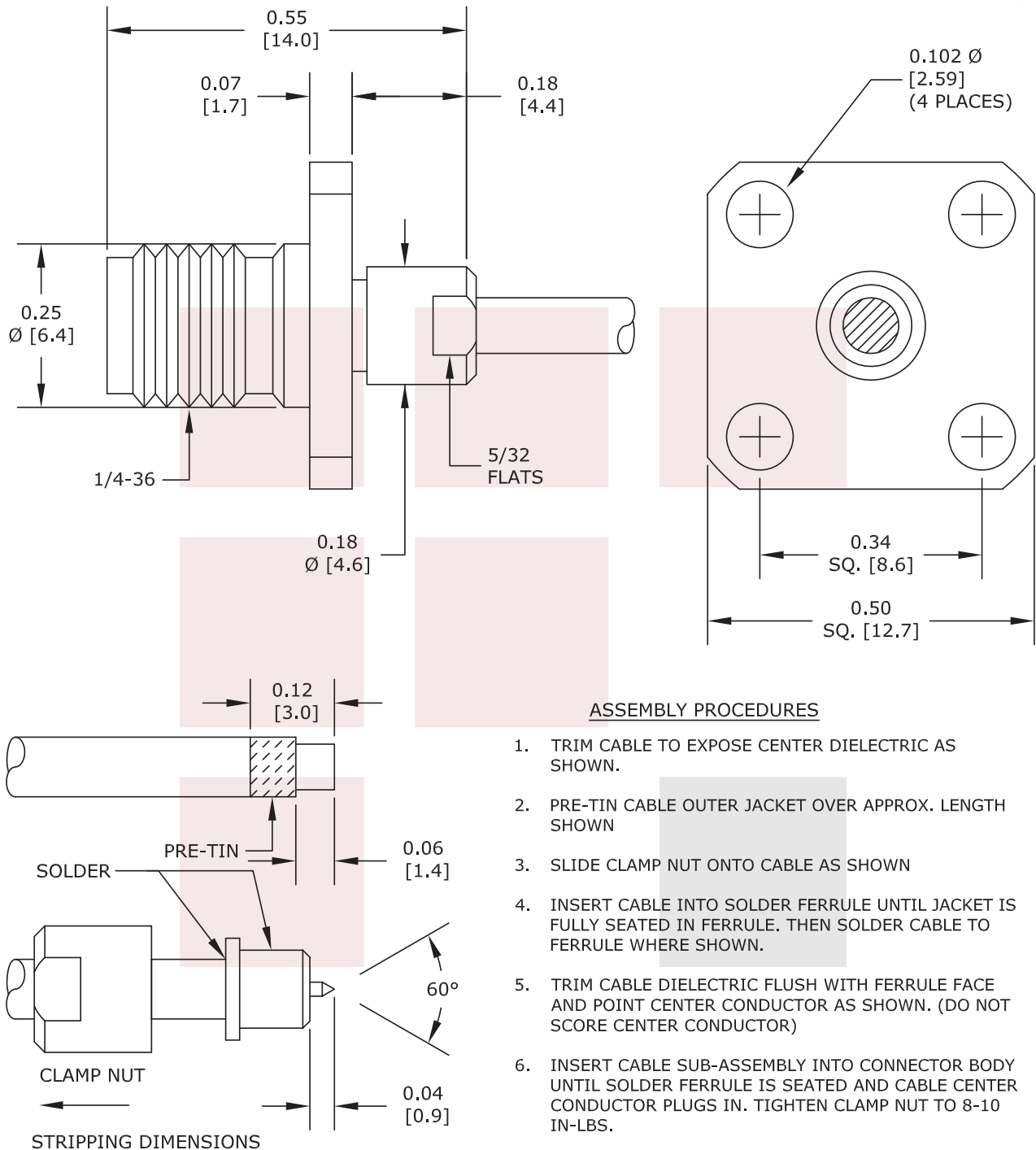
Notes:

2.92mm Female Connector Clamp/Non-Solder Contact Attachment 4 Hole Flange For .047 SR 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 Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [2.92mm Female Connector Clamp/Non-Solder Contact Attachment 4 Hole Flange For .047 SR Cable SC7621](#)

URL: <https://www.fairviewmicrowave.com/2.92mm-female-.047-sr-connector-sc7621-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 2.92mm Female Connector Clamp/Non-Solder Contact Attachment 4 Hole Flange For .047 SR Cable		DWG NO SC7621		CAGE CODE 3FKR5	
CAD FILE	081814	SHEET	SCALE	N/A	SIZE A 2233