

2.92mm Male Connector Clamp/Non-Solder Contact Attachment For .047 SR Cable

2.92mm male connector with clamp/non-solder contact attachment for .047 SR, part number SMC292-0471, from Fairview Microwave is in-stock and ships same day. This 2.92mm male connector operates up to a maximum frequency of 40 GHz and offers excellent VSWR of 1.25:1.

Fairview's 2.92mm male connector SMC292-0471 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			1.25:1	

Mechanical Specifications

Size	
Length	0.46 in [11.68 mm]
Width/Dia.	0.312 in [7.92 mm]
Weight	0.0106 lbs [4.81 g]
Mating Cycles	500 Cycles

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold over Nickel 50 µin minimum
Insulation	PEI	
Body	Passivated Stainless Steel	SAE-AMS-2700
Coupling Nut	Passivated Stainless Steel	SAE-AMS-2700

Environmental Specifications

Temperature	
Operating Range	-55 to +100 deg C

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

Plotted and Other Data

Notes:



Configuration:

- 2.92mm Male Connector
- 50 Ohms
- Straight Body Geometry
- .047 SR Interface Type
- Clamp/Non-Solder Contact Attachment
- 5/16 inch Hex

Features:

- Operating Frequency of 40 GHz Max.
- Excellent VSWR of 1.25:1
- Gold over Nickel Plated Beryllium Copper Contact
- 50 µin minimum contact plating

Applications:

- General Purpose Test
- Custom Cable Assemblies

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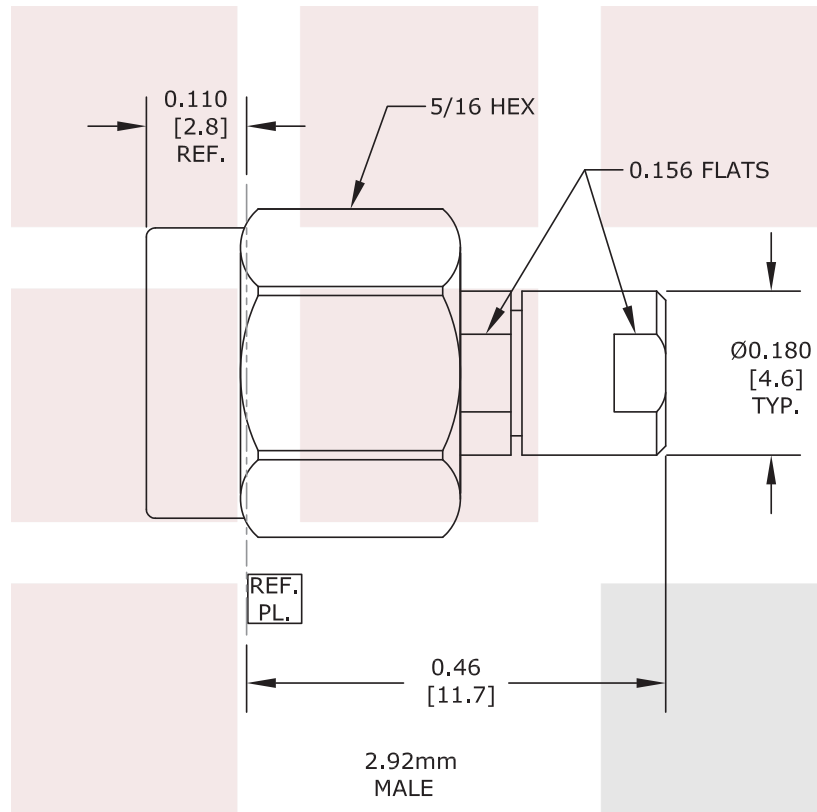
2.92mm Male Connector Clamp/Non-Solder Contact Attachment For .047 SR Cable from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [2.92mm Male Connector Clamp/Non-Solder Contact Attachment For .047 SR Cable SMC292-0471](#)

URL: <https://www.fairviewmicrowave.com/2.92mm-male-standard-.047-sr-connector-smc292-0471-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	±0.1
.XXX	±0.05

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

FAIRVIEW MICROWAVE INC. ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM		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].			
TITLE 2.92mm Male Connector Clamp/Non-Solder Contact Attachment For .047 SR Cable		DWG NO SMC292-0471		CAGE CODE 3FKR5	
CAD FILE	121516	SHEET	SCALE	N/A	SIZE A 41742