

## 2.92mm Female Connector Clamp/Non-Solder Contact Attachment 4 Hole Flange for FM-SR047ALTN, FM-SR047CU Cable



### FMCN49838

#### Configuration

- 2.92mm Female Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: FM-SR047ALTN, FM-SR047CU
- 4 Hole Flange

#### Features

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

#### Applications

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

#### Description

2.92mm Female 4 hole Flange Mount Standard 4 hole Flange Mount Connector Clamp/Non-Solder Contact Attachment for FM-SR047ALTN and FM-SR047CU Cable, part number FMCN49838, 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 FMCN49838 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 FMCN49838 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                          | Minimum | Typical | Maximum | Units |
|--------------------------------------|---------|---------|---------|-------|
| Frequency Range                      | DC      |         | 40      | GHz   |
| VSWR                                 |         |         | 1.2:1   |       |
| Dielectric Withstanding Voltage (AC) |         |         | 500     | Vrms  |
| Impedance                            |         | 50      |         | Ohms  |

#### Mechanical Specifications

##### Size

|        |                     |
|--------|---------------------|
| Length | 0.565 in [14.35 mm] |
| Width  | 0.5 in [12.70 mm]   |
| Height | 0.5 in [12.7 mm]    |
| Weight | 0.011 lbs [4.99 g]  |

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### Material Specifications

| Description     | Material                   | Plating                 |
|-----------------|----------------------------|-------------------------|
| Contact         | Beryllium Copper           | Gold<br>50μ in. minimum |
| Insulation      | ULTEM                      |                         |
| Outer Conductor | Passivated Stainless Steel | SAE-AMS-2700            |
| Body            | Passivated Stainless Steel | SAE-AMS-2700            |

### Environmental Specifications

#### Temperature

**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 FM-SR047ALTN, FM-SR047CU 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 Lewisville, 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 FM-SR047ALTN, FM-SR047CU Cable FMCN49838](#)

URL: <https://www.fairviewmicrowave.com/2.92mm-female-fm-sr047altn-coil-fm-sr047cu-coil-fm-sr047cutn-coil-connector-fmcn49838-p.aspx>

The information contained within 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 liability arising out of the use of any part or document.

FMCN49838 CAD Drawing
2.92mm Female Connector Clamp/Non-Solder Contact Attachment
4 Hole Flange for FM-SR047ALTN, FM-SR047CU Cable

