

## SSMA Female Connector Solder Attachment for FM-SR047CU, FM-SR047ALTN, FM-SR047TB

SSMA female connector with solder/solder attachment for FM-SR047CU, FM-SR047ALTN and FM-SR047TB, part number FMCN1866, from Fairview Microwave is in-stock and ships same day.

Fairview's SSMA female connector FMCN1866 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.

### Mechanical Specifications

<b>Size</b>	
Length	0.5 in [12.7 mm]
Width/Dia.	0.08 in [2.03 mm]
Height	0.5 in [12.7 mm]
Weight	0.004 lbs [1.81 g]

### Material Specifications

Description	Material	Plating
Contact		Gold MIL-G-45204
Insulation	Teflon	
Body	Brass	Gold MIL-G-45204

### Environmental Specifications

<b>Temperature</b>	
Operating Range	-65 to +165 deg C

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

### Plotted and Other Data

Notes:



### Configuration:

- SSMA Female Connector
- MIL-C-39012
- 50 Ohms
- Straight Body Geometry
- FM-SR047CU, FM-SR047ALTN, FM-SR047TB Interface Type
- Solder/Solder Attachment

### Features:

- Gold Plated Contact
- Contact plating according to MIL-G-45204

### Applications:

- General Purpose Test
- Custom Cable Assemblies

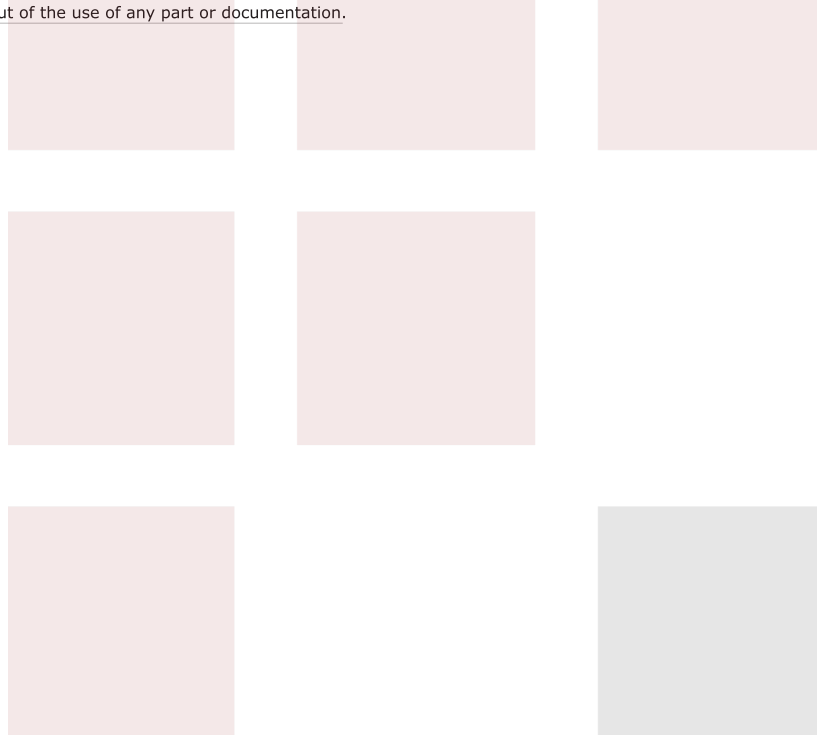
Fairview Microwave  
 301 Leora Ln., Suite 100  
 Lewisville, TX 75056  
 Tel: 1-800-715-4396 / (972) 649-6678  
 Fax: (972) 649-6689  
[www.fairviewmicrowave.com](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

SSMA Female Connector Solder Attachment for FM-SR047CU, FM-SR047ALTN, FM-SR047TB 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.

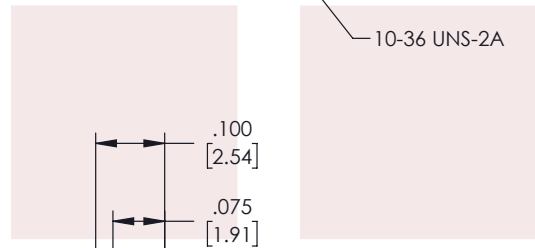
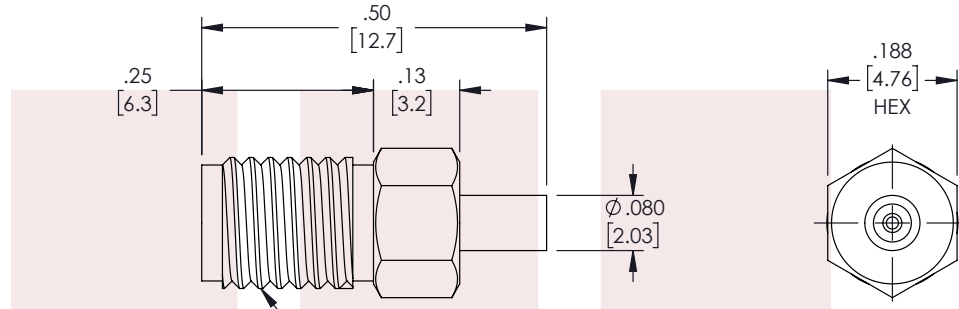
For additional information on this product, please click the following link: [SSMA Female Connector Solder Attachment for FM-SR047CU, FM-SR047ALTN, FM-SR047TB FMCN1866](#)

URL: <https://www.fairviewmicrowave.com/ssma-female-fm-sr047cu-fm-sr047altn-fm-sr047tb-connector-fmcn1866-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.



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	02/21/2022	AGANWANI



**STRIPPING DIMENSIONS**

**ASSEMBLY PROCEDURE**

1. STRIP CABLE AS SHOWN. DO NOT NICK CENTER CONDUCTOR.
2. PLACE CONTACT OVER CENTER CONDUCTOR. SOLDER CONTACT TO CENTER CONDUCTOR.
3. INSERT CABLE AND CONTACT INTO CONNECTOR BODY UNTIL FULLY ENGAGED. SOLDER CABLE TO BODY.

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TITLE

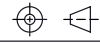
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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES: CABLE LENGTH (L) TOLERANCES:

.X = ±.2 [5.08]	FRACTIONS	L ≤ 12 [305] = +1 [25] / -0
.XX = ±.02 [.51]	± 1/32	12 [305] < L ≤ 60 [1524] = +2 [51] / -0
.XXX = ±.005 [.13]	ANGLES ± 1°	60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
		120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
		300 [7620] < L = +5%L / -0

THIRD-ANGLE PROJECTION



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SHEET 1 OF 1

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SCALE N/A

SIZE A	CAGE CODE 3FKR5	DRAWN BY A.KRESOWSKI	ITEM NO. FMCN1866	REV A
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