

2.92mm Male Connector Solder Attachment for FM-SR141ALTN, FM-SR141TB, FM-SR141CUTN, RG402

2.92mm male connector with solder attachment for FM-SR141ALTN, FM-SR141TB, FM-SR141CUTN and RG402, part number FMCN1919, from Fairview Microwave is in-stock and ships same day.

Fairview's 2.92mm male connector FMCN1919 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

Size	
Length	0.37 in [9.4 mm]
Width/Dia.	0.32 in [8.13 mm]
Height	0.32 in [8.13 mm]
Weight	0.006 lbs [2.72 g]
Mating Torque	8 to 10 in-lbs [0.90 to 1.13 Nm]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold over Nickel 50 µin minimum
Insulation	PCTFE	
Body	Stainless Steel	Gold over Nickel 50 µin minimum
Coupling Nut	Stainless Steel	Gold over Nickel 50 µin minimum

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

Plotted and Other Data

Notes:



Configuration:

- 2.92mm Male Connector
- 50 Ohms
- Straight Body Geometry
- FM-SR141ALTN, FM-SR141TB, FM-SR141CUTN, RG402 Interface Type
- Solder Attachment
- 5/16 inch Hex

Features:

- 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 Solder Attachment for FM-SR141ALTN, FM-SR141TB, FM-SR141CUTN, RG402 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.

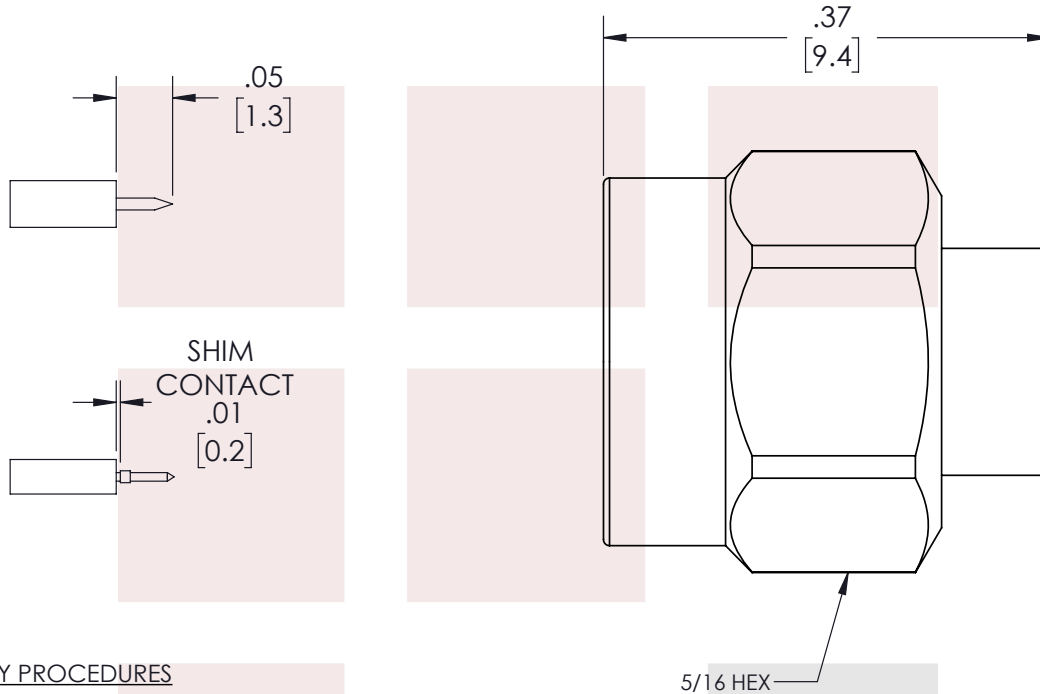
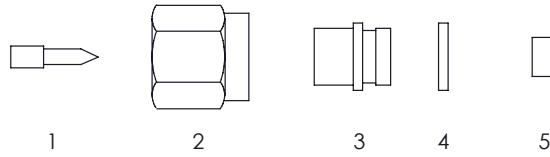
For additional information on this product, please click the following link: [2.92mm Male Connector Solder Attachment for FM-SR141ALTN, FM-SR141TB, FM-SR141CUTN, RG402 FMCN1919](#)

URL: <https://www.fairviewmicrowave.com/2.92mm-male-fm-sr141altn-fm-sr141tb-fm-sr141cutn-rg402-connector-fmcn1919-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	06/07/22	AGANWANI



ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN. DO NOT NICK CENTER CONDUCTOR.
2. SOLDER CONTACT (1) TO CENTER CONDUCTOR. SLIDE COUPLING NUT (2) OVER CABLE. SLIDE BODY (3) OVER CONTACT UNTIL IT BOTTOMS OUT TO OUTER CONDUCTOR. SOLDER BODY (3) TO OUTER CONDUCTOR.
3. INSTALL GASKET (4) ONTO BODY (3). INSERT INSULATOR (5) INTO BODY (3) & SLIDE COUPLING NUT OVER ASSEMBLY.

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TITLE

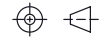
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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

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 VTHANGARAJ	ITEM NO. FMCN1919	REV A
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