

## SMB Plug Connector Clamp/Solder Attachment for FM-SR086ALTN, FM-SR086TB, FM-SR086TBJ, FM-SR086CUTN, FM-SR086CU Cable

SMB plug connector with clamp/solder attachment for FM-SR086ALTN, FM-SR086TB, FM-SR086TBJ, FM-SR086CUTN and FM-SR086CU, part number FMCN1592, from Fairview Microwave is in-stock and ships same day.

Fairview's SMB plug connector FMCN1592 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
Operating Voltage (AC)			250	Vrms

### Mechanical Specifications

<b>Size</b>	
Length	0.86 in [21.84 mm]
Width/Dia.	0.25 in [6.35 mm]
Weight	0.006 lbs [2.72 g]

### Material Specifications

Description	Material	Plating
Outer Conductor	Beryllium Copper	Gold
Body	Brass	Nickel

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

### Plotted and Other Data

Notes:



### Configuration:

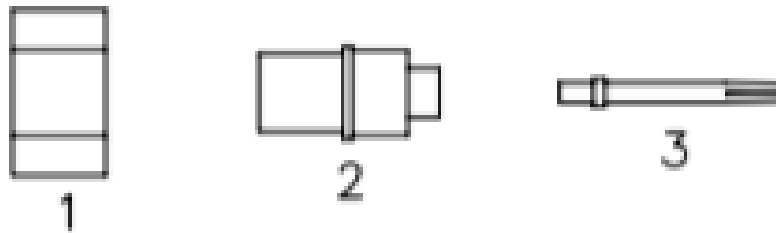
- SMB Plug Connector
- 50 Ohms
- Straight Body Geometry
- FM-SR086ALTN, FM-SR086TB, FM-SR086TBJ, FM-SR086CUTN, FM-SR086CU Interface Type
- Clamp/Solder Attachment

### Applications:

- General Purpose Test
- Custom Cable Assemblies

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**Assembly Instruction**



1. STRIP CABLE AS SHOWN IN CAD. DO NOT NICK CENTER CONDUCTOR & DIELECTRIC. SLIDE CLAMP NUT (1) OVER CABLE.
2. PUSH SLEEVE (2) OVER CABLE UNTIL SLEEVE (2) BOTTOMS ON OUTER CONDUCTOR WITH CENTER CONDUCTOR PROTRUDING THROUGH HOLE. SOLDER SLEEVE (2) TO OUTER CONDUCTOR.
3. SOLDER CONTACT TO CENTER CONDUCTOR. CLEAN EXCESS SOLDER. SLIDE ASSEMBLY INTO BODY & TIGHTEN

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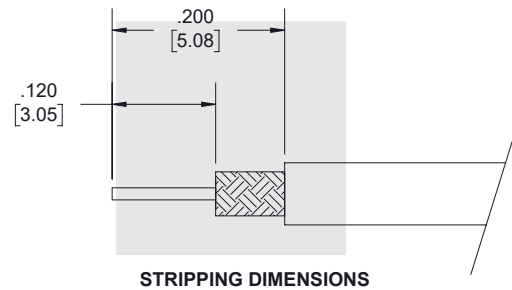
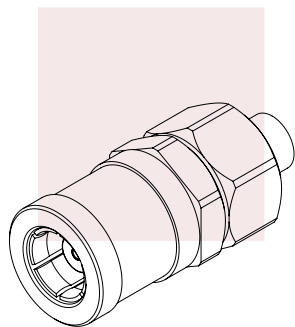
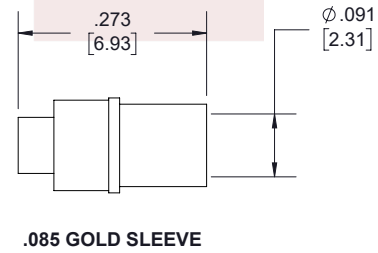
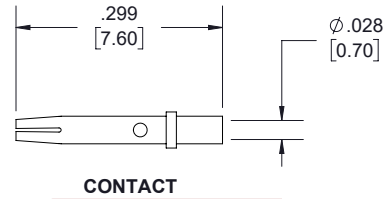
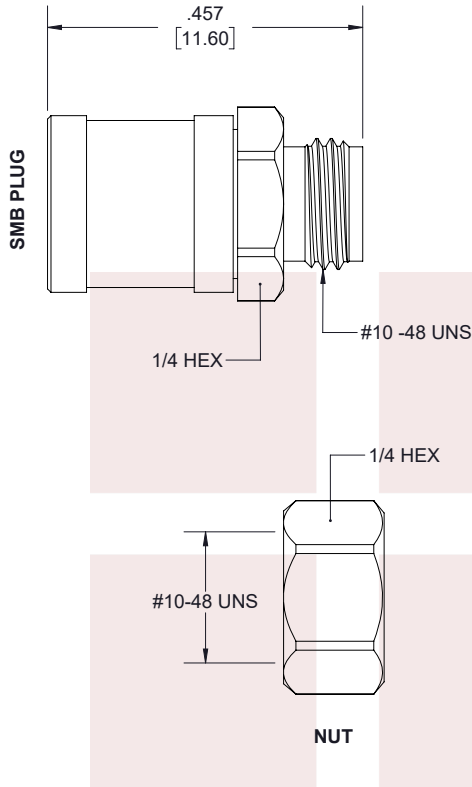
For additional information on this product, please click the following link: [SMB Plug Connector Clamp/Solder Attachment for FM-SR086ALTN, FM-SR086TB, FM-SR086TBJ, FM-SR086CUTN, FM-SR086CU Cable FMCN1592](#)

URL: <https://www.fairviewmicrowave.com/smb-plug-fm-sr086altn-fm-sr086tb-fm-sr086cu-connector-fmcn1592-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	11/19/19	S.ELLIS



- NOTES:
- CABLE ATTACHMENT:
    - OUTER: CLAMP.
    - INNER: SOLDER.

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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 ± 1/32	L ≤ 12 [305] = +1 [25] / -0	
.XX = ±.02 [.51]	ANGLES ± 1°	12 [305] < L ≤ 60 [1524] = +2 [51] / -0	
.XXX = ±.005 [.13]		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	CAGE CODE	DRAWN BY	PART NUMBER	REV
A	3FKR5	K.DANG	FMCN1592	A

T-Rev.D