

RF Connector, SMPS Female (Jack) Right Angle
Connector for 047 cable Solder



FMCN45894

Configuration

- Push-on SMPS Female Connector
- 50 Ohms
- Right Angle Body Geometry

Features

- Operating Frequency of 40 GHz Max.
- Gold Plated Beryllium Copper Contact
- 50 µin minimum gold contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

RA SMPS Female Push-on Connector Solder Attachment, part number FMCN45894, from Fairview Microwave is in-stock and ships same day. This SMPS female connector operates up to a maximum frequency of 40 GHz. Its right angle body geometry facilitates connections in tight spaces.

Fairview's RA SMPS female connector FMCN45894 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		1.35:1		
Insertion Loss			0.76	dB
Impedance		50		Ohms

Mechanical Specifications

Size

Length	0.215 in [5.46 mm]
Width	0.104 in [2.64 mm]
Height	0.17 in [4.32 mm]
Weight	0.00055 lbs [0.25 g]

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Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 50 µin minimum gold
Insulation	PTFE	
Outer Conductor	Beryllium Copper	Gold 50 µin minimum
Body	Beryllium Copper	Gold 30 µin minimum

Environmental Specifications

Temperature

Operating Range

-55 to +165 deg C

Humidity

MIL-STD-202, Method 106, Less Step 7B

Shock

MIL-STD-202, Method 213, Condition I

Vibration

MIL-STD-202, Method 204, Condition D

Thermal Shock

MIL-STD-202, Method 107, Condition B

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

Plotted and Other Data

Notes:

RF Connector, SMPS Female (Jack) Right Angle Connector for 047 cable Solder 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.

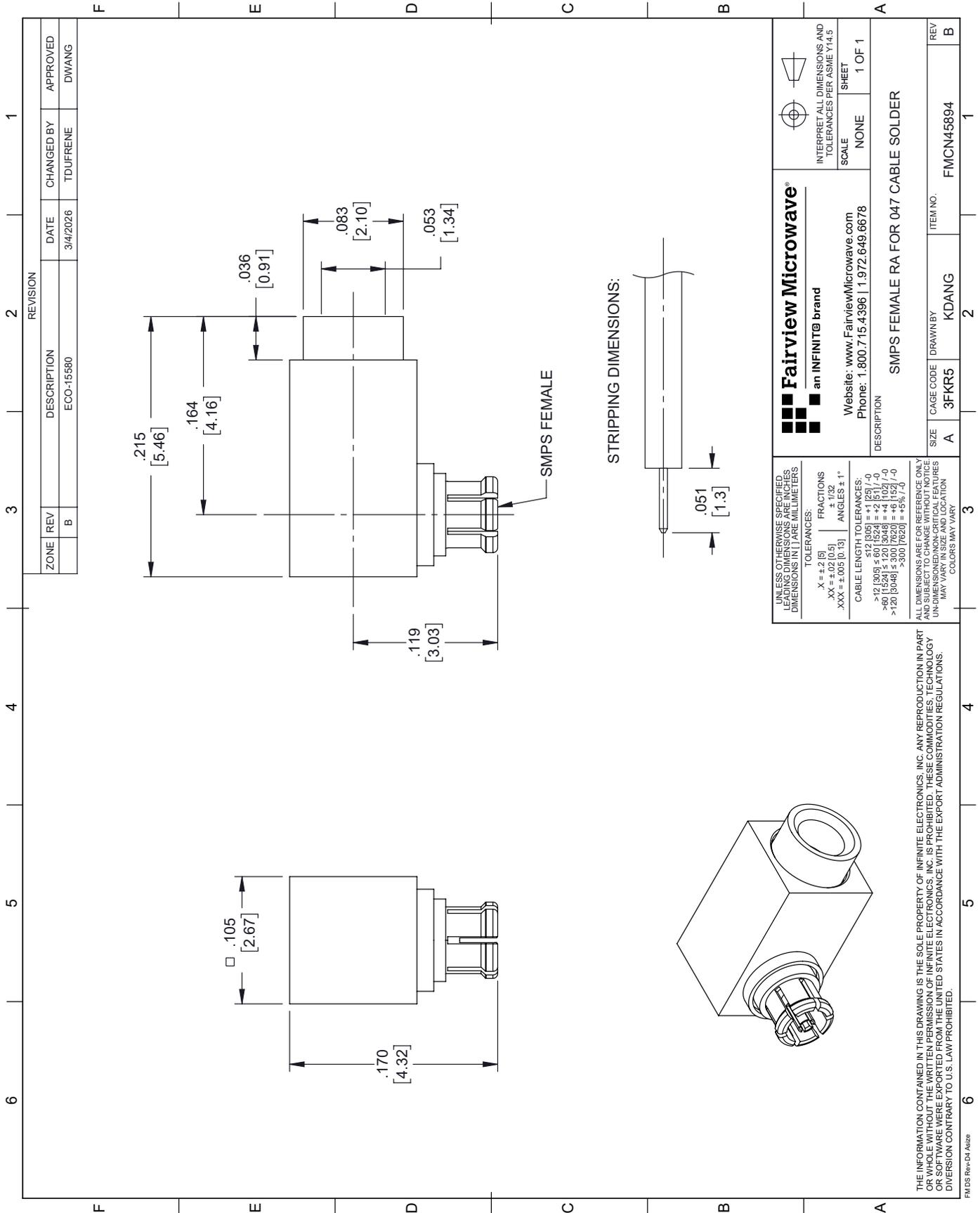
For additional information on this product, please click the following link: [RF Connector, SMPS Female \(Jack\) Right Angle Connector for 047 cable Solder FMCN45894](#)

URL: <https://www.fairviewmicrowave.com/product/rf-connectors/smeps-female-push-on-connector-fmcn45894.html>

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.

FMCN45894 CAD Drawing

RF Connector, SMPS Female (Jack) Right Angle Connector for 047 cable Solder



Fairview Microwave an INFINITI brand Website: www.FairviewMicrowave.com Phone: 1.800.715.4396 1.972.649.6678		INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5 SCALE NONE SHEET 1 OF 1	
DESCRIPTION: SMPS FEMALE RA FOR 047 CABLE SOLDER			
UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE IN INCHES DIMENSIONS IN [] ARE MILLIMETERS TOLERANCES: .X = ±.2 [5] FRACTIONS ± 1/32 .XX = ±.02 [0.5] ANGLES ± 1° .XXX = ±.005 [0.13]	CABLE LENGTH TOLERANCES: >12 [305] ≤ 60 [1524] = +.2 [5] / -0 >60 [1524] ≤ 120 [3048] = +.4 [102] / -0 >120 [3048] ≤ 300 [7620] = +.8 [20] / -0	ALL DIMENSIONS ARE FOR REFERENCE ONLY UNLESS OTHERWISE SPECIFIED. DIMENSIONS ON CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.	REV B DWANG
SIZE A CAGE CODE 3FKR5 DRAWN BY KDANG	ITEM NO. FMCN45894		

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