

## SMP Female Connector Solder Attachment For .047 SR Cable Up To 8 GHz

### Configuration

Connector

SMP Female

### Electrical Specifications\*

Description	Min	Typ	Max	Units
Frequency Range	DC		8	GHz
Impedance		50		Ohms
VSWR			1.1:1	

\* Values at 25°C, sea level

### Mechanical Specifications

#### Temperature

Operating Range

-55 to +155 deg C

#### Size

Length

0.262 in [6.65 mm]

#### Connector

Type

SMP Female

Contact Material and Plating

Beryllium Copper, Gold

Contact Plating Specification

MIL-DTL-45204

Body Material and Plating

Beryllium Copper, Gold

Body Plating Specification

MIL-DTL-45204

Dielectric Type

PTFE

### Compliance Certifications

(visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

RoHS Compliant

Yes

### Plotted and Other Data

Notes:

- Values at +25 °C, sea level
- GPO® is a Registered Trademark of Corning Gilbert Inc.

SMP Female Connector Solder Attachment For .047 SR Cable Up To 8 GHz 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 Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [SMP Female Connector Solder Attachment For .047 SR Cable Up To 8 GHz SC5181](#)

URL: <http://www.fairviewmicrowave.com/smp-female-standard-.047-sr-connector-sc5181-p.aspx>

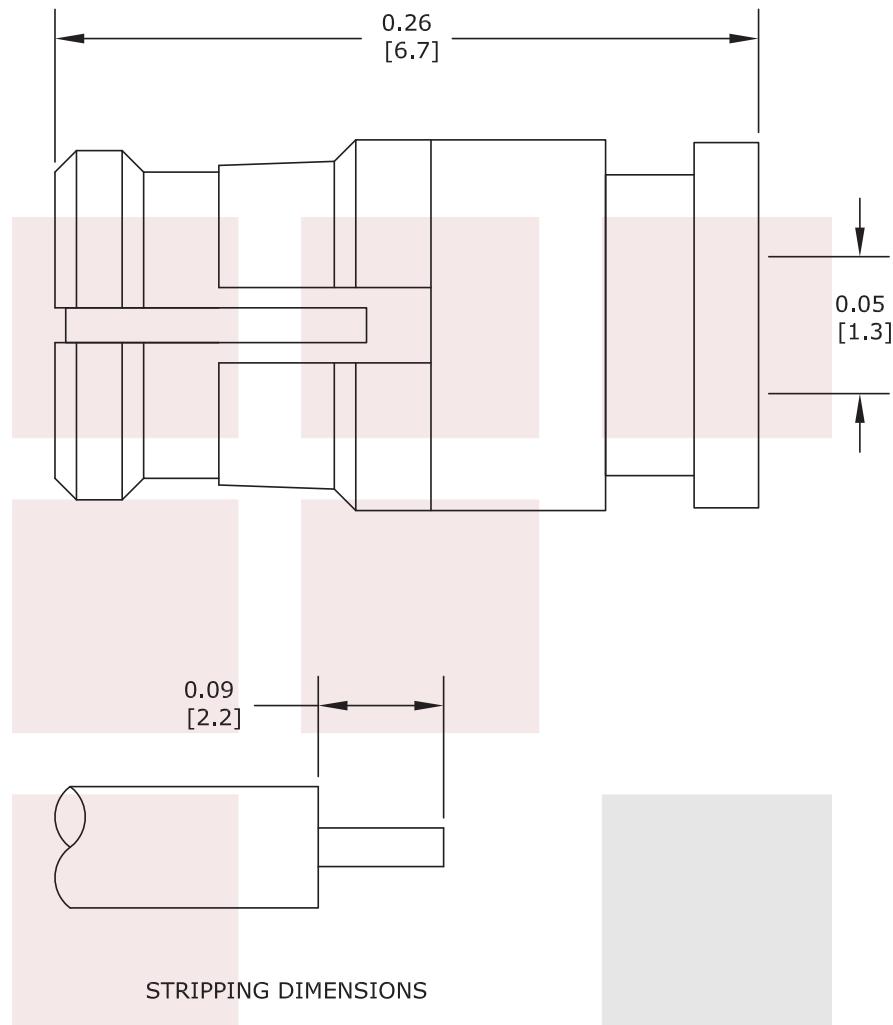
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to 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.



### Features:

- Specification: MIL-STD-348A
- Interface: .047 SR
- Attachment: Solder
- Body Style: Straight

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1. STRIP CABLE AS SHOWN. DO NOT NICK CENTER CONDUCTOR.
2. SOLDER CONTACT TO CENTER CONDUCTOR.
3. INSERT CABLE INTO BODY UNTIL IT BOTTOMS OUT. SOLDER OUTER CONDUCTOR TO BODY.

**FAIRVIEW MICROWAVE INC.**  
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NOTES:  
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.  
3. DIMENSIONS ARE IN INCHES [mm].

TITLE  
SMP Female Connector Solder Attachment For .047 SR  
Cable Up To 8 GHz

DWG NO	SC5181		CAGE CODE	3FKR5	
CAD FILE	081514	SHEET	SCALE	N/A	SIZE A
					2233