

## SMP Female Connector Solder Attachment For RG405 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 0.25 in [6.35 mm]  
Width/Dia. 0.138 in [3.51 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 RG405 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 RG405 Cable Up To 8 GHz SC5180](http://www.fairviewmicrowave.com/smp-female-standard-rg405-connector-sc5180-p.aspx)

URL: <http://www.fairviewmicrowave.com/smp-female-standard-rg405-connector-sc5180-p.aspx>

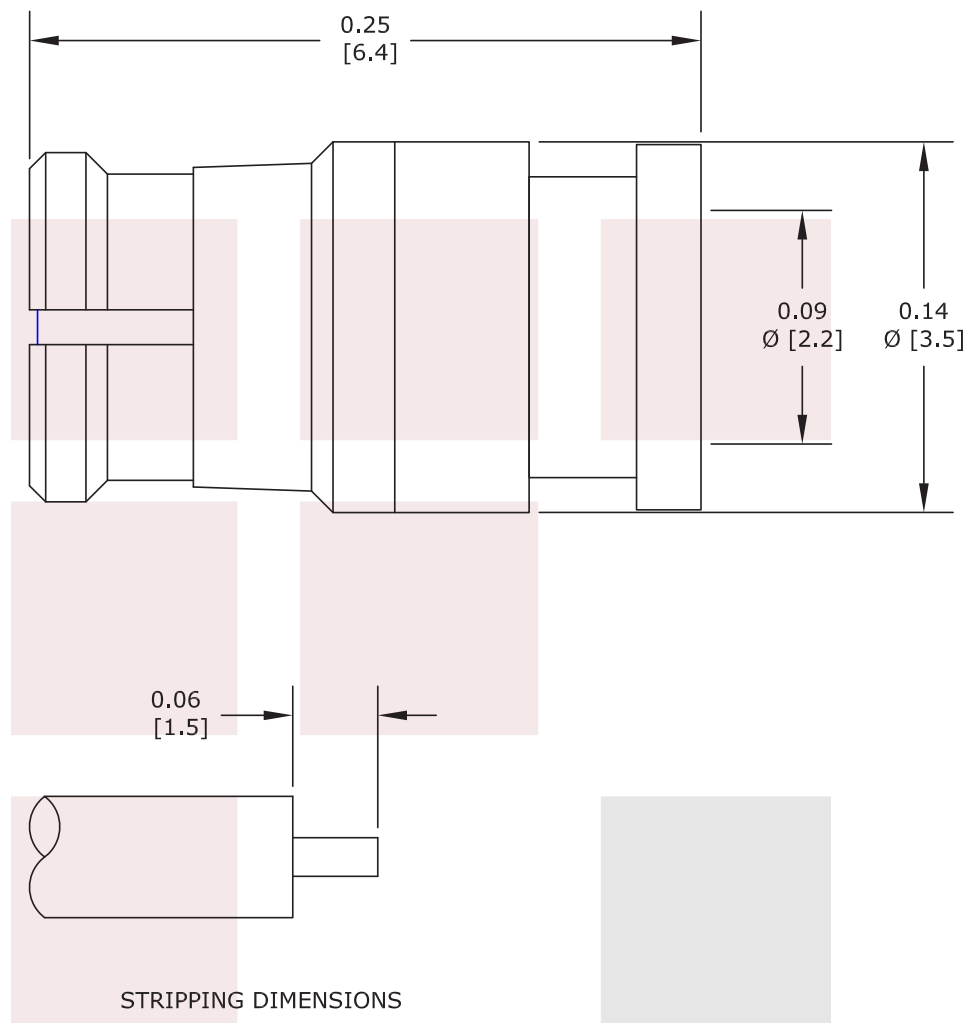
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to 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: RG405
- 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.

<b>FAIRVIEW MICROWAVE INC.</b> ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM		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 RG405 Cable Up To 8 GHz	DWG NO SC5180		CAGE CODE 3FKR5		
	CAD FILE 081514	SHEET	SCALE N/A	SIZE A	2233