

**SMP Male Limited Detent Hermetically Sealed Connector Pin Terminal Solder Attachment Half Shroud Full Body, Up To 8 GHz**

**Configuration**

Connector SMP Male, Limited Detent

**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 0.192 in [4.88 mm]  
Width/Dia. 0.146 in [3.71 mm]

**Connector**

Type SMP Male  
Mating Cycles 500  
Contact Material and Plating Kovar, Gold  
Contact Plating Specification MIL-DTL-45204  
Outer Conductor Material and Plating Kovar, Gold  
Body Material and Plating Kovar, Gold  
Body Plating Specification MIL-DTL-45204  
Dielectric Type Glass

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

RoHS Compliant Yes



**Features:**

- Specification: MIL-STD-348A
- Interface: Pin
- Attachment: Solder
- Body Style: Straight
- Iso. Ground/Hermetic: Hermetically Sealed

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**Plotted and Other Data**

Notes:

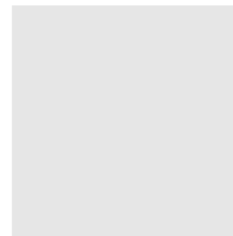
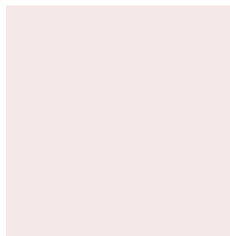
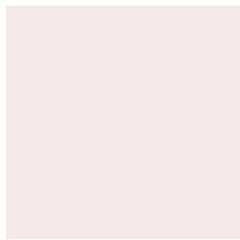
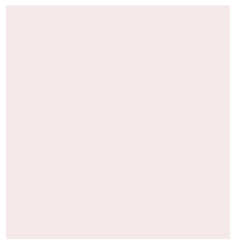
- Values at +25 °C, sea level
- GPO® is a Registered Trademark of Corning Gilbert Inc.

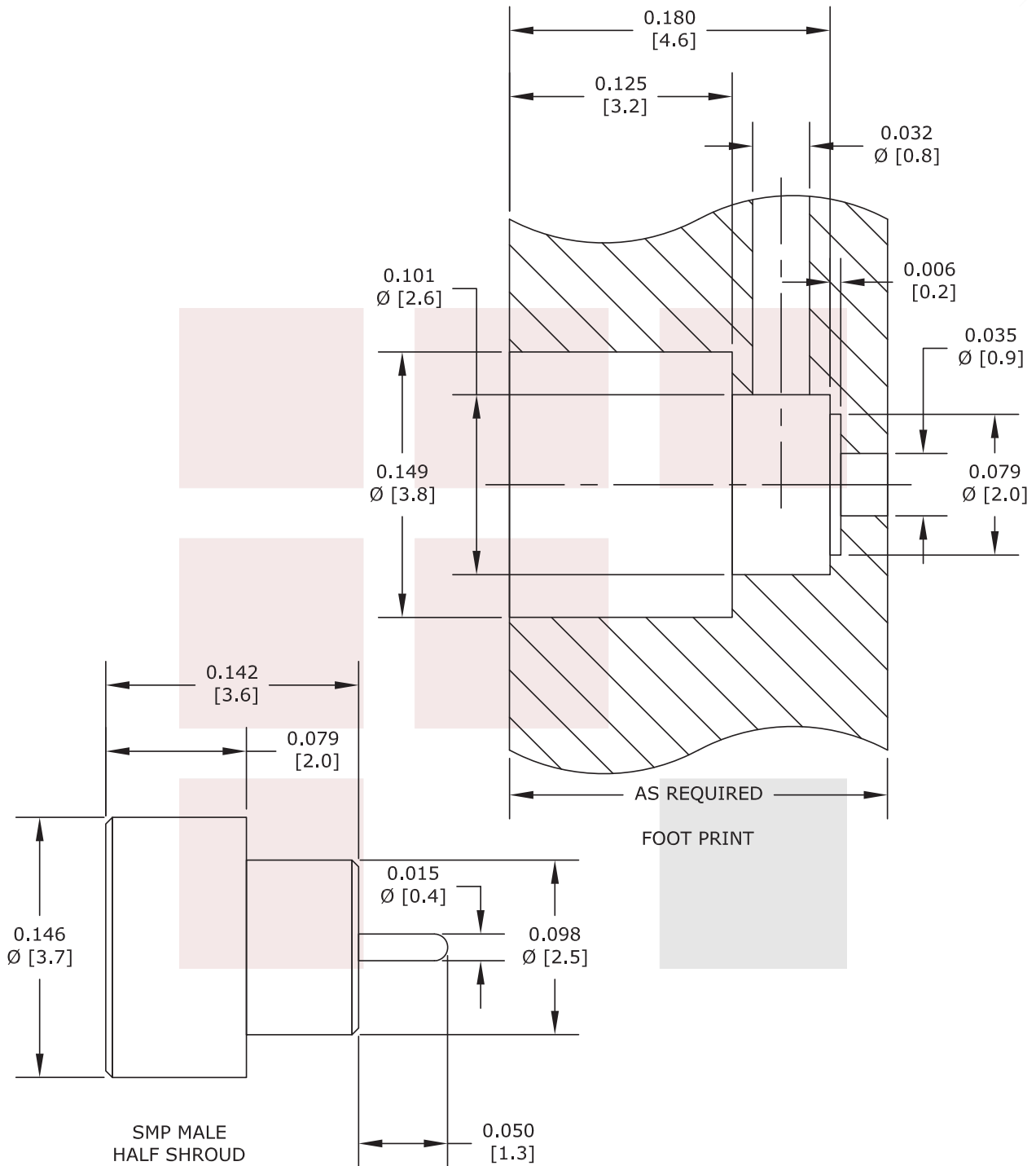
SMP Male Limited Detent Hermetically Sealed Connector Pin Terminal Solder Attachment Half Shroud Full Body, Up To 8 GHz from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [SMP Male Limited Detent Hermetically Sealed Connector Pin Terminal Solder Attachment Half Shroud Full Body, Up To 8 GHz SC5189](#)

URL: <http://www.fairviewmicrowave.com/smp-male-standard-limited-detent-pin-terminal-connector-sc5189-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.





<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 Male Limited Detent Hermetically Sealed Connector Pin Terminal Solder Attachment Half Shroud Full Body, Up To 8 GHz		DWG NO SC5189		CAGE CODE 3FKR5	
CAD FILE	082114	SHEET	SCALE	N/A	SIZE A 2233