

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

Configuration

Connector

SMP Male, Full 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

0.25 in [6.35 mm]

Width/Dia.

0.165 in [4.19 mm]

Connector

Type

SMP Male

Mating Cycles

100

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 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:

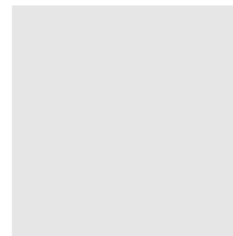
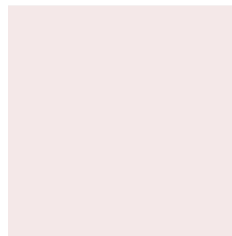
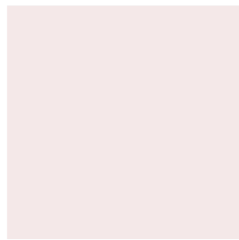
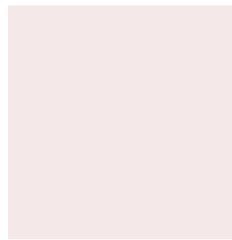
- Values at +25 °C, sea level
- GPO® is a Registered Trademark of Corning Gilbert Inc.

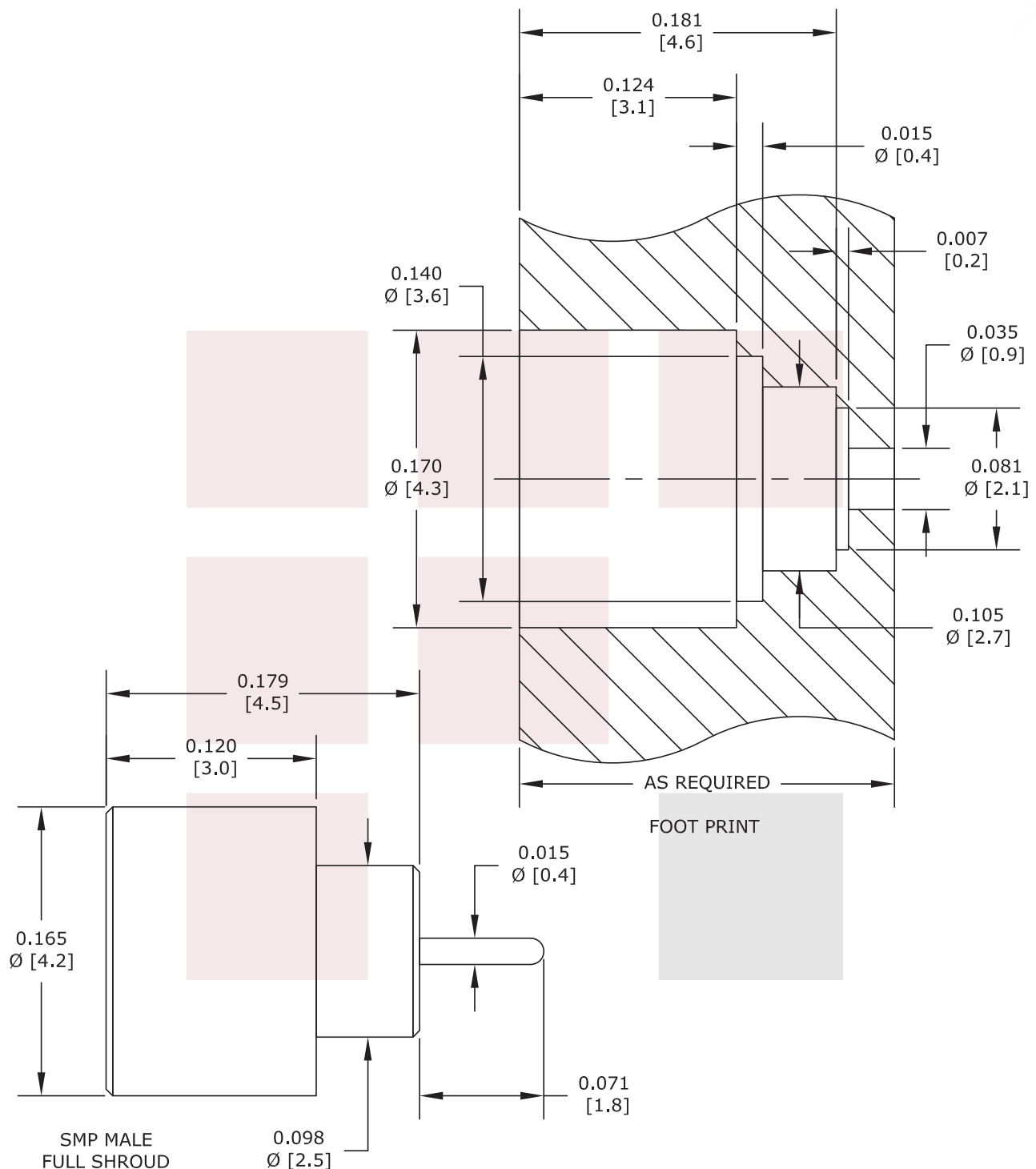
SMP Male Full Detent Hermetically Sealed Connector Pin Terminal Solder Attachment Full Shroud Full Body, Up To 8 GHz from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas.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

For additional information on this product, please click the following link: [SMP Male Full Detent Hermetically Sealed Connector Pin Terminal Solder Attachment Full Shroud Full Body, Up To 8 GHz SC5188](#)

URL: <http://www.fairviewmicrowave.com/smp-male-standard-full-detent-pin-terminal-connector-sc5188-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.





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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
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Up To 8 GHz

DWG NO	SC5188	CAGE CODE	3FKR5
CAD FILE	082114	SHEET	SCALE N/A SIZE A 2233