

SMP Male Limited Detent PCB Connector End Launch Solder Attachment

SMP male limited detent connector with solder attachment for end launch PCB, part number SC5371, from Fairview Microwave is in-stock and ships same day. This SMP male connector operates up to a maximum frequency of 40 GHz and offers excellent VSWR of 1.25: 1. This blind mate connector is ideal for applications without direct visual or tactile access to the connection point, for example, when two circuit boards need to be mated.

Fairview’s SMP male connector SC5371 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	Min	Typ	Max	Units
Frequency Range	DC		40	GHz
VSWR			1.25: 1	

Mechanical Specifications

Size	
Length	0.171 in [4.34 mm]
Width/Dia.	0.25 in [6.35 mm]
Weight	0.005 lbs [2.27 g]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold MIL-G-45204
Insulation	PTFE	
Body	Beryllium Copper	Gold MIL-G-45204

Environmental Specifications

Temperature	
Operating Range	-65 to +165 deg C

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

Plotted and Other Data

Notes:



Configuration:

- Limited Detent SMP Male Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- End Launch Interface Type
- Solder Attachment

Features:

- Operating Frequency of 40 GHz Max.
- Excellent VSWR of 1.25: 1
- Blind Mate Connector
- Gold Plated Beryllium Copper Contact
- Contact plating according to MIL-G-45204

Applications:

- General Purpose Test
- PCB Applications

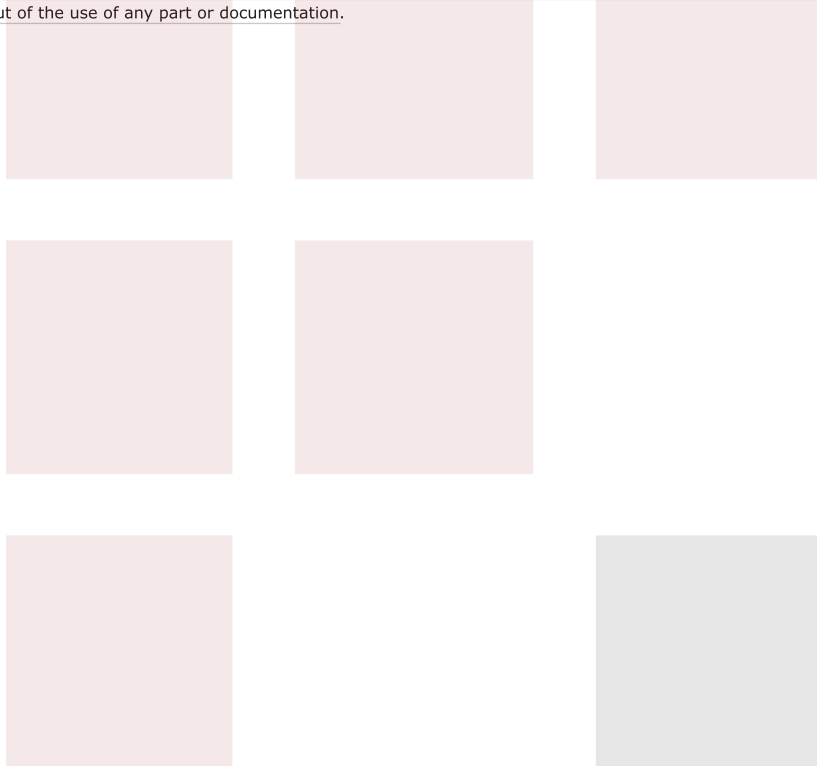
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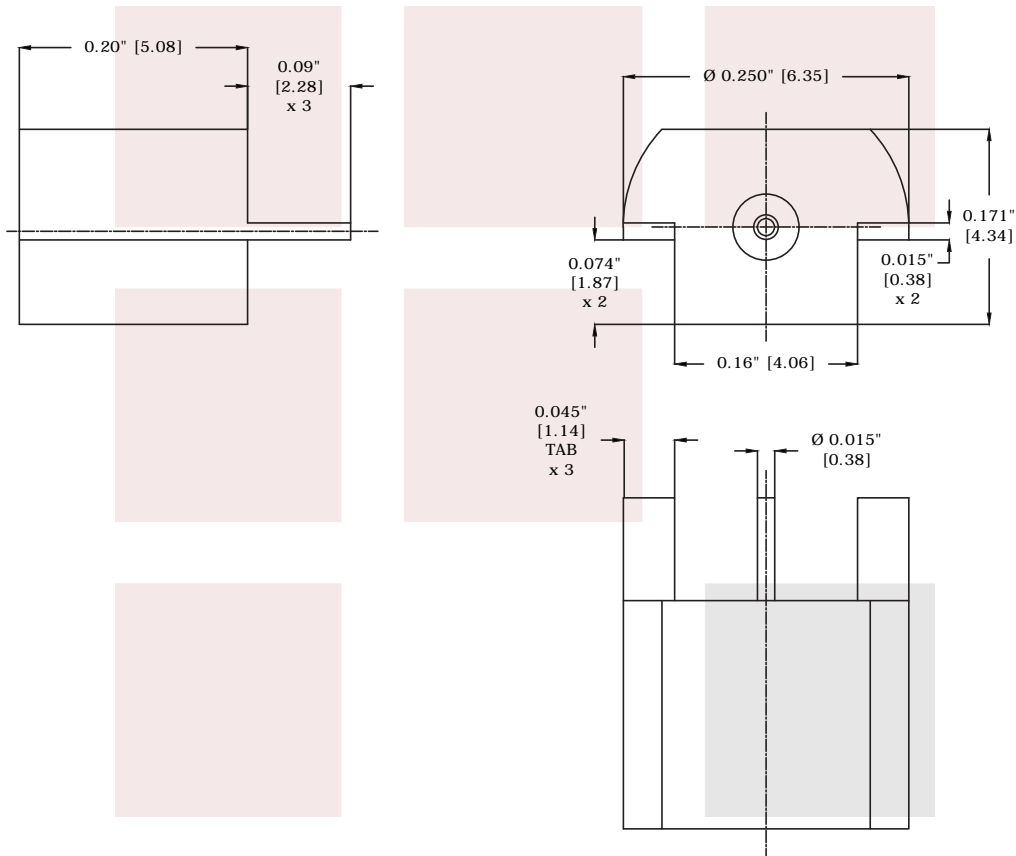
SMP Male Limited Detent PCB Connector End Launch Solder Attachment from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [SMP Male Limited Detent PCB Connector End Launch Solder Attachment SC5371](#)

URL: <https://www.fairviewmicrowave.com/smp-male-standard-limited-detent-end-launch-pcb-connector-sc5371-p.aspx>

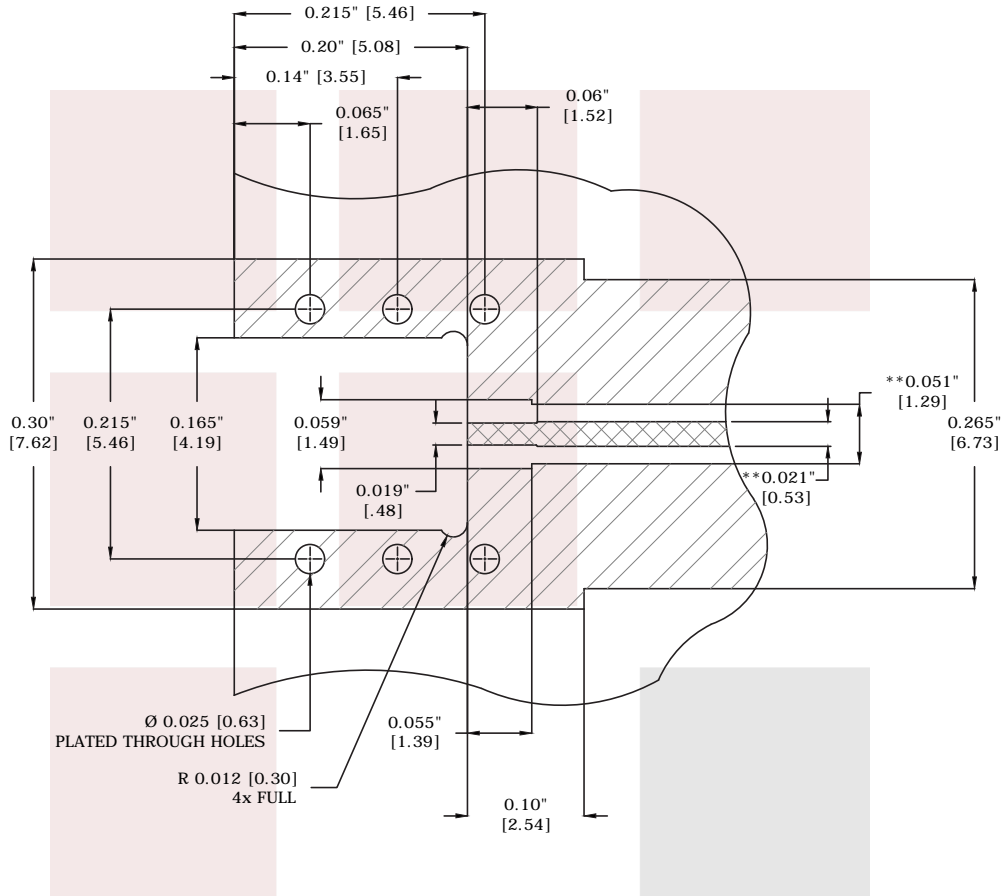
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TITLE SMP Male Limited Detent PCB Connector End Launch Solder Attachment		DWG NO SC5371		CAGE CODE 3FKR5	
CAD FILE	020916	SHEET	SCALE	N/A	SIZE A 5568

RECOMMENDED CUTOUT AND PAD LAYOUT



**FOR RODGERS 4350.
 OTHER BOARD TYPES
 MAY REQUIRE DIFFERENT
 DIMENSIONS.

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