

Right Angle Mini SMP Male (Plug) Full Detent PCB Connector Surface Mount, Solder

RA Mini SMP Male Standard Full Detent Connector Solder Attachment for Surface Mount Cable, part number SC5462, from Fairview Microwave is in-stock and ships same day. This Mini 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. Its right angle body geometry facilitates connections in tight spaces.

Fairview's RA Mini SMP male connector SC5462 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	0.165 in [4.19 mm]
Width/Dia.	0.13 in [3.30 mm]
Height	0.13 in [3.30 mm]
Weight	0.0016 lbs [0.73 g]

Material Specifications

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

Environmental Specifications

Temperature	
Operating Range	-55 to +125 deg C

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

Plotted and Other Data

Notes:



Configuration:

- Full Detent Mini SMP Male Connector
- MIL-STD-348
- 50 Ohms
- Right Angle Body Geometry
- Surface Mount 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
- Space Saving for PCB Applications

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Right Angle Mini SMP Male (Plug) Full Detent PCB Connector Surface Mount, Solder 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 Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [Right Angle Mini SMP Male \(Plug\) Full Detent PCB Connector Surface Mount, Solder SC5462](#)

URL: <https://www.fairviewmicrowave.com/mini-smp-male-standard-full-detent-surface-mount-pcb-connector-sc5462-p.aspx>

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