

SMP Male Limited Detent Hermetically Sealed Connector Pin Terminal Solder Attachment .080 inch Pin Length

SMP male limited detent hermetically sealed connector with solder attachment pin terminal, part number FMCN4397, from Fairview Microwave is in-stock and ships same day. This SMP male connector operates up to a maximum frequency of 40 GHz. 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 FMCN4397 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

Mechanical Specifications

Size	
Length	0.26 in [6.6 mm]
Width/Dia.	0.164 in [4.17 mm]
Height	0.164 in [4.17 mm]
Weight	0.006 lbs [2.72 g]

Material Specifications

Description	Material	Plating
Contact	Kovar	Gold MIL-G-45204
Body	Kovar	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:

- Limited Detent SMP Male Connector
- DESC 94007
- 50 Ohms
- Straight Body Geometry
- Pin Interface Type
- Solder Attachment

Features:

- Operating Frequency of 40 GHz Max.
- Blind Mate Connector
- Hermetically Sealed
- Gold Plated Kovar Contact
- Contact plating according to MIL-G-45204

Applications:

- General Purpose Test

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SMP Male Limited Detent Hermetically Sealed Connector Pin Terminal Solder Attachment .080 inch Pin Length 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: [SMP Male Limited Detent Hermetically Sealed Connector Pin Terminal Solder Attachment .080 inch Pin Length FMCN4397](#)

URL: <https://www.fairviewmicrowave.com/smp-male-limited-detent-pin-terminal-connector-fmcn4397-p.aspx>

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