

SMA Female Field Replaceable Connector 2 Hole Flange Mount .020 inch Pin



PE45054

RF Connectors Technical Data Sheet

Configuration

- SMA Female Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry

Features

- Max. Operating Frequency 26 GHz
- Excellent VSWR of 1.2:1

Applications

General Purpose Test

- •.020 inch Pin Interface Type
- Field Replaceable Attachment
- 2 Hole Flange
- Gold over Nickel Plated Beryllium Copper Contact
 Contact plating according to ASTM B-488
- Rack and Panel Mount Applications

Description

Pasternack's PE45054 SMA female 2 hole flange mount field replaceable connector is part of our full line of RF components available for same-day shipping. Our SMA female connector operates up to a maximum frequency of 26 GHz and offers excellent VSWR of 1.2:1. This SMA 2 hole flange connector allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications. This field replaceable connector is easy to install or replace in the field.

Our SMA female 2 hole flange connector PE45054 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		26	GHz
VSWR			1.2:1	
Operating Voltage (AC)			335	Vrms
Dielectric Withstanding Voltage (AC)			1,000	Vrms
High Potential Voltage			670	Vrms
at 5 MHz				
Corona Discharge			250	Vrms
at 70,000 ft				
Insulation Resistance	5,000			MOhms

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Female Field Replaceable Connector 2 Hole Flange Mount .020 inch Pin PE45054

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623 Phone: (866) 727-8376 or (949) 261-1920 • Fax: (949) 261-7451

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Electrical Specification Notes: Values at +25°C, sea level. Insertion loss: 0.03 x sqrt(fGHz) dB.

Mechanical Specifications

Description	Motorial	Plating
Material Specifications		
Mating Cycles	500 Cycles	
Weight	0.006 lbs [2.7	′2 g]
Width/Dia. Height	0.223 in [5.66 0.375 in [9.53	6 mm]
Size Length	0.625 in [15.8	38 mml

Description	Material	Plating
Contact	Beryllium Copper	Gold over Nickel ASTM B-488
Insulation	PTFE	
Outer Conductor	Passivated Stainless Steel	ASTM A-967

Environmental Specifications

Temperature Operating Range Humidity Shock Vibration Salt Spray

-65 to +165 deg C MIL-STD-202, Method 106 MIL-STD-202, Method 213, Condition I MIL-STD-202, Method 204, Condition D MIL-STD-202, Method 101, Condition B

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2



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Compliance Certifications (see product page for current document)

Plotted and Other Data Notes:

SMA Female Field Replaceable Connector 2 Hole Flange Mount .020 inch Pin from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

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URL: https://www.pasternack.com/sma-female-0.020-pin-connector-pe45054-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. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.



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PE45054 CAD Drawing

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