PASTERNACK
an INFINITⓔ brand

SMA Female Field Replaceable Connector 4 Hole Flange Mount .036 inch Pin, .500 inch Flange Size

RF Connectors
Technical Data Sheet

PE45053

Configuration

- SMA Female Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: .036 inch Pin
- 4 Hole Flange

Features

- Max. Operating Frequency 26 GHz
- Excellent VSWR of 1.2:1
- Gold Plated Beryllium Copper Contact
- Contact plating according to ASTM B-488

Applications

- General Purpose Test
- Rack and Panel Mount Applications

Description

Pasternack's PE45053 SMA female 4 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 4 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 4 hole flange connector PE45053 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	
Insertion Loss			0.15	dB
Operating Voltage (DC)			335	Vdc
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size

Length	0.5 in [12.7 mm]
Width/Dia.	0.5 in [12.70 mm]
Height	0.375 in [9.53 mm]

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 4 Hole Flange Mount .036 inch Pin, .500 inch Flange Size PE45053

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Weight	0.001 lbs [0.45 g]
Mating Cycles	500 Cycles
Mating Torque	2 in-lbs [0.23 Nm]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold ASTM B-488
Insulation	PTFE	
Body	Passivated Stainless Steel	ASTM A-967

Environmental Specifications
Temperature

Operating Range	-65 to +165 deg C
Humidity	Mil-Std-202, Method 106
Shock	Mil-Std-202, Method 213, Test Cond. I.
Vibration	Mil-Std-202, Method 204, Test Cond. D.
Salt Spray	Mil-Std-202, Method 101, Test Cond. B.

Compliance Certifications (see product page for current document)

Plotted and Other Data
Notes:

SMA Female Field Replaceable Connector 4 Hole Flange Mount .036 inch Pin, .500 inch Flange Size from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.
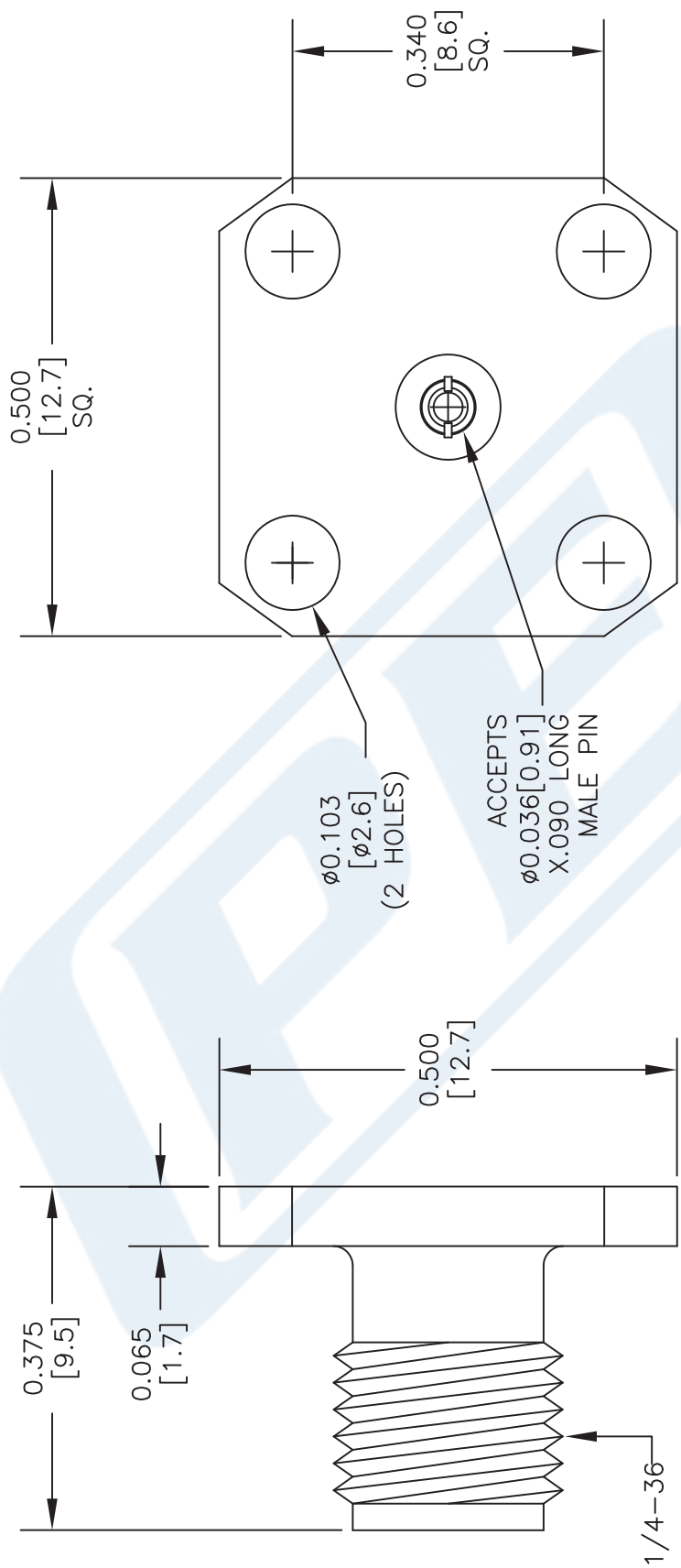
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URL: https://www.pasternack.com/sma-female-.036-pin-connector-pe45053-p.aspx

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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PE45053 CAD Drawing

SMA Female Field Replaceable Connector 4 Hole Flange Mount .036 inch Pin, .500 inch Flange Size

0.340 [8.6] SQ.

0.500 [12.7] SQ.

Ø0.103 [Ø2.6] (2 HOLES)

ACCEPTS Ø0.036 [0.91] X.090 LONG MALE PIN

0.500 [12.7]

0.375 [9.5]

0.065 [1.7]

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