

## SMA Female Hermetically Sealed Connector Solder Attachment 4 Hole Flange Mount Pin Terminal, .340 inch Hole Spacing

### PE4540



#### Configuration

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

#### Features

- Max. Operating Frequency 18 GHz
- Gold Plated Beryllium Copper Contact
- Contact plating according to MIL-G-45204
- Hermetically Sealed

#### Applications

- General Purpose Test
- Rack and Panel Mount Applications

#### Description

Pasternack's PE4540 SMA Female Hermetically Sealed Connector Solder Attachment for Pin Cable, 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 18 GHz. 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.

Our SMA female 4 hole flange connector PE4540 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		18	GHz
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,500	Vrms
Insulation Resistance	5,000			MOhms
Impedance		50		Ohms

#### Mechanical Specifications

##### Size

Length	0.49 in [12.45 mm]
Width	0.5 in [12.7 mm]
Height	0.5 in [12.7 mm]
Weight	0.008 lbs [3.63 g]
Mating Cycles	500 Cycles

SMA Female Hermetically Sealed Connector  
Solder Attachment 4 Hole Flange Mount Pin  
Terminal, .340 inch Hole Spacing

**PE4540**



**Material Specifications**

Description	Material	Plating
Contact	Beryllium Copper	Gold MIL-G-45204
Insulation	PTFE	
Body	Stainless Steel	Gold MIL-G-45204
O-Ring	Buna	

**Environmental Specifications**

**Temperature**

Operating Range

Hermetic Seal

-40 to +120 deg C

Leak rate not to exceed  $1 \times 10^{-7}$  cc/sec of helium at 1 atm differential.

**Compliance Certifications** (see product page for current document)

**Plotted and Other Data**

Notes:

SMA Female Hermetically Sealed Connector Solder Attachment 4 Hole Flange Mount Pin Terminal, .340 inch Hole Spacing 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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Female Hermetically Sealed Connector Solder Attachment 4 Hole Flange Mount Pin Terminal, .340 inch Hole Spacing PE4540](#)

URL: <https://www.pasternack.com/sma-female-standard-pin-terminal-connector-pe4540.html>

The information contained within 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 Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

# PE4540 CAD Drawing

SMA Female Hermetically Sealed Connector Solder Attachment 4 Hole  
Flange Mount Pin Terminal, .340 inch Hole Spacing

