



SMP Male Full Detent Connector Solder Attachment  
Thru Hole PCB .145 inch Pin Length

**RF Connectors**  
**Technical Data Sheet**

**PE44960**

**Configuration**

- Full Detent SMP Male Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: Thru Hole

**Features**

- Gold Plated Beryllium Copper Contact
- Contact plating according to MIL-G-45204
- Blind Mate Connector

**Applications**

- General Purpose Test
- PCB Applications

**Description**

Pasternack's PE44960, SMP, Standard, connector with solder attachment for Thru Hole PCB is part of our full line of RF components available for same-day shipping. The Pasternack blind mate connector is ideal for applications where direct visual or tactile access to the connection point is not possible, for example, when two circuit boards need to be mated.

Our SMP male connector PE44960 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.

Impedance	50	Ohms
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**Mechanical Specifications**

<b>Size</b>	
Length	0.28 in [7.24 mm]
Width	0.19 in [4.75 mm]
Height	0.19 in [4.75 mm]
Weight	0.00 lbs [1.13 g]

**Material Specifications**

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

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMP Male Full Detent Connector Solder Attachment Thru Hole PCB .145 inch Pin Length PE44960](#)



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**Environmental Specifications**

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

**Plotted and Other Data**

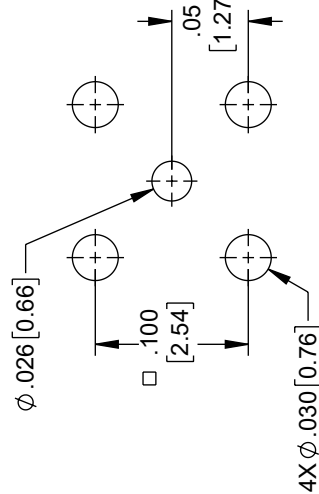
Notes:

SMP Male Full Detent Connector Solder Attachment Thru Hole PCB .145 inch Pin Length 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: [SMP Male Full Detent Connector Solder Attachment Thru Hole PCB .145 inch Pin Length PE44960](#)



URL: <https://www.pasternack.com/smp-male-standard-thru-hole-pcb-connector-pe44960-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.



## MOUNTING HOLES AND PATTERN

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<p>UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE INCHES. DIMENSIONS IN [ ] ARE MILLIMETERS.</p>		 		<p>INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5</p>	
<p><b>TOLERANCES:</b></p> <p>X = +2 [5]  XX = +0.02 [0.5]  XXX = +.005 [0.13]</p> <p>FRACTIONS  + 1/32  ANGLES ± 1°</p>		<p><b>SCALE</b></p> <p>NONE</p>		<p><b>SHEET</b></p> <p>1 OF 1</p>	
<p><b>CABLE LENGTH TOLERANCES:</b></p> <p>±12 [305] = +1 [25] / -0  &gt;12 [305] ≤ 60 [1524] = +2 [51] / -0  &gt;60 [1524] ≤ 120 [3048] = +4 [102] / -0  &gt;120 [3048] ≤ 300 [7620] = +6 [152] / -0  &gt;300 [7620] = +5% / -0</p>		<p>Website: <a href="http://www.Pasternack.com">www.Pasternack.com</a></p> <p>Phone: 1.866.727.8376   1.949.261.1920</p>			
<p><b>DESCRIPTION</b></p> <p>SMP MALE FUL DETENT CONNECTOR SOLDER ATTACHMENT THRU HOLE PCB .145 INCH PIN LENGTH</p>					
<p><b>SIZE</b></p> <p>A</p>		<p><b>CAGE CODE</b></p> <p>53919</p>		<p><b>ITEM NO.</b></p> <p>PE44960</p>	
<p><b>REVISION</b></p> <p>ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE. UNDIMENSIONED/NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.</p>		<p><b>DRAWN BY</b></p> <p>DMAY</p>		<p><b>REV</b></p> <p>B</p>	