



SMP Male Connector Solder Attachment  
Thru Hole PCB Limited Detent

TECHNICAL DATA SHEET

PE44480

**Configuration**

Connector	SMP Male
Connector Specification	MIL-STD-348A
Connector Interface Type	Thru Hole
Attachment Method (Shield/Contact)	Solder
Body Style	Straight

**Electrical Specifications**

Frequency Range	DC to 26.5 GHz
Impedance	50 Ohms
Maximum Operating Voltage	335 Volts
Dielectric Withstanding Voltage	500 Vrms

**Frequency 1**

Frequency	DC to 2 GHz
VSWR	1.11:1
Return Loss	26 dB
Insertion Loss	0.07 dB

**Frequency 2**

Frequency	2 to 6 GHz
VSWR	1.22:1
Return Loss	20 dB
Insertion Loss	0.12 dB

**Mechanical Specifications**

**Temperature**

Operating Range	-65 to +155 deg C
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**Size**

Length	0.28 in [7.11 mm]
Width/Dia.	0.24 in [6.10 mm]
Height	0.24 in [6.1 mm]
Weight	0.006 lbs [2.72 g]

**Connector**

Type	SMP Male
Contact Material and Plating	Brass, Gold
Body Material and Plating	Brass, Gold
Dielectric Type	PEEK

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant	
REACH Compliant	06/18/2012

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMP Male Connector Solder Attachment Thru Hole PCB Limited Detent PE44480](#)



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#### Plotted and Other Data

Notes:

- Values at +25 °C, sea level

SMP Male Connector Solder Attachment Thru Hole PCB Limited Detent 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.

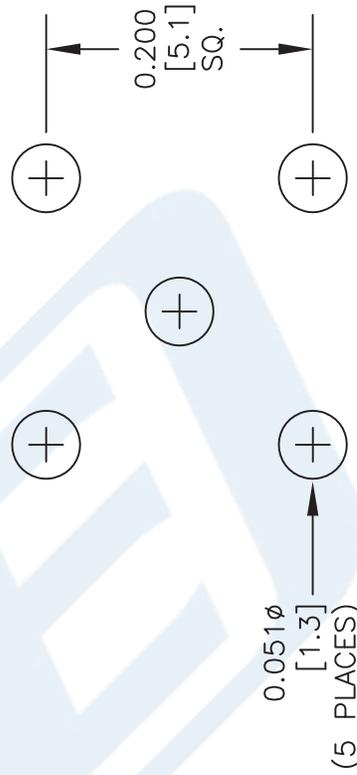
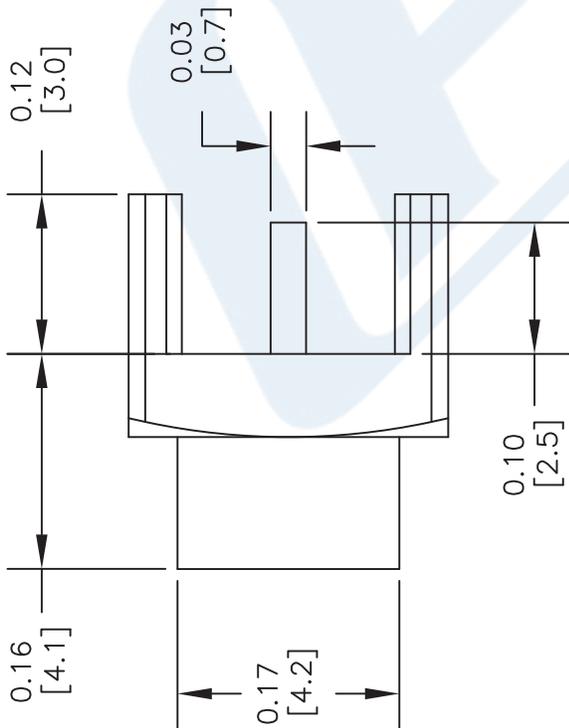
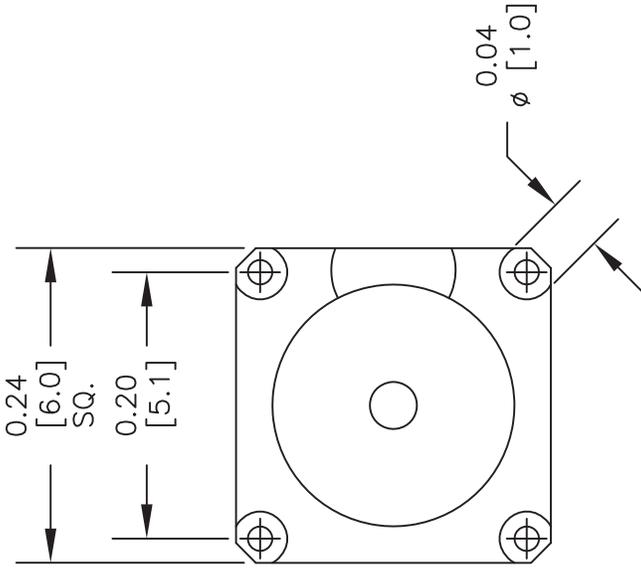
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URL: <http://www.pasternack.com/smp-male-standard-thru-hole-pcb-connector-pe44480-p.aspx>

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.

# PE44480 CAD Drawing

SMP Male Connector Solder Attachment Thru Hole PCB Limited Detent



PCB LAYOUT

DWG TITLE

**PE44480**

- NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
  2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
  3. DIMENSIONS ARE IN INCHES [mm].
  4. FITS MIL-C-17 AND EQUIVALENT CABLES.

FSCM NO. 53919

CAD FILE 052714

SCALE N/A

SIZE A

2233



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