



SMP Male Limited Detent Connector Solder
Attachment Surface Mount PCB

TECHNICAL DATA SHEET

PE44481

Configuration

Connector	SMP Male, Limited Detent
Connector Specification	MIL-STD-348A
Connector Interface Type	Surface Mount
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 6 GHz
VSWR	1.11:1
Return Loss	26 dB
Insertion Loss	0.12 dB

Frequency 2

Frequency	6 to 12 GHz
VSWR	1.22:1
Return Loss	20 dB
Insertion Loss	0.17 dB

Mechanical Specifications

Temperature

Operating Range	-65 to +155 deg C
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Size

Length	0.16 in [4.06 mm]
Width/Dia.	0.2 in [5.08 mm]
Height	0.2 in [5.08 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	LCP

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant	
REACH Compliant	12/19/2011

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMP Male Limited Detent Connector Solder Attachment Surface Mount PCB PE44481](#)



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Plotted and Other Data

Notes:

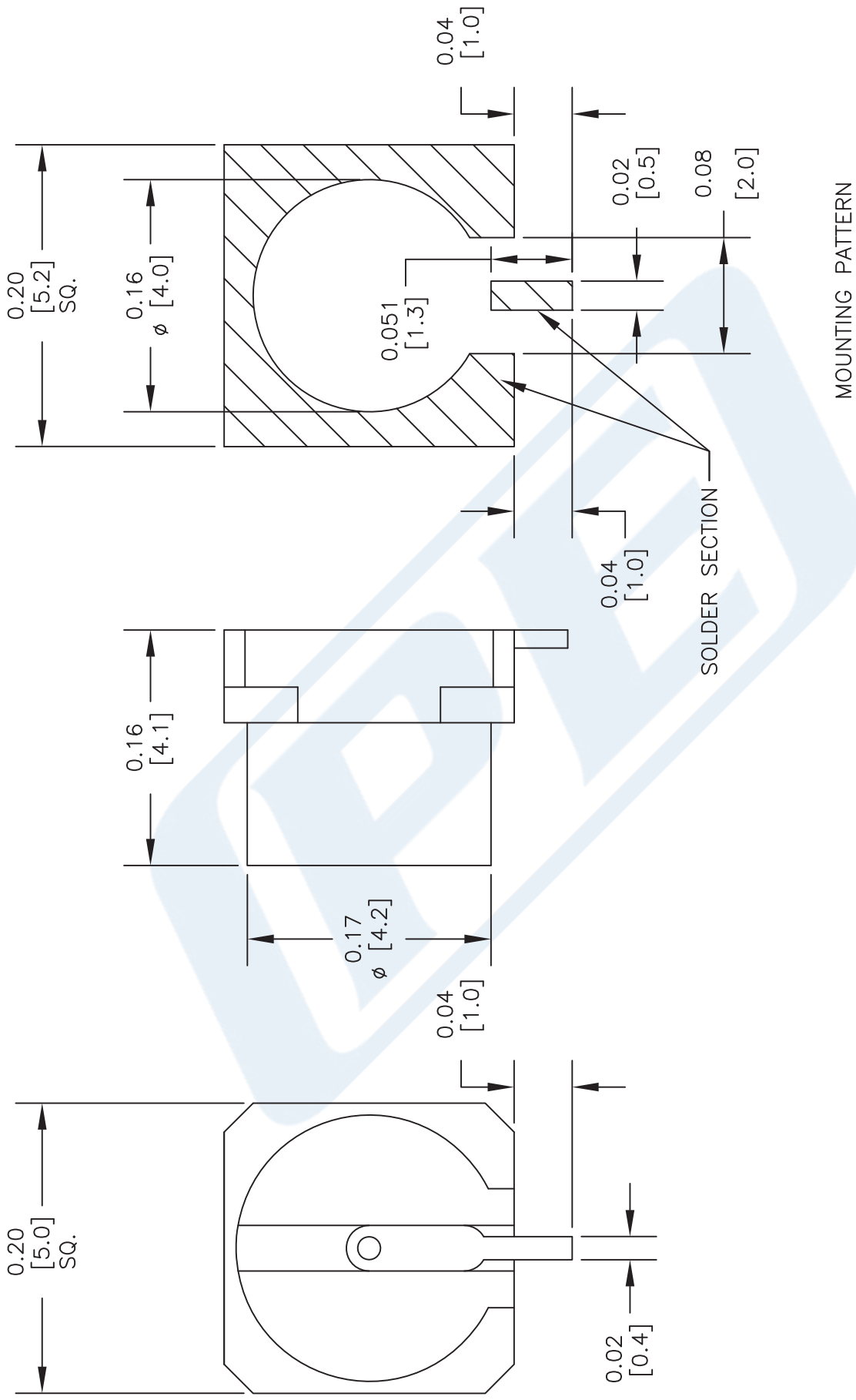
- Values at +25 °C, sea level
- Max soldering temp : IEC 61760-1, +260 C for 10 seconds,

SMP Male Limited Detent Connector Solder Attachment Surface Mount PCB 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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMP Male Limited Detent Connector Solder Attachment Surface Mount PCB PE44481](#)

URL: <http://www.pasternack.com/smp-male-standard-surface-mount-pcb-connector-pe44481-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.



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.

DWG TITLE
PE44481

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FSCM NO. 53919

CAD FILE 080415 SCALE N/A SIZE A 2233