PASTERNACK®
THE ENGINEER'S RF SOURCE



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

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

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
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ISO 9001 : 2008 Registered

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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

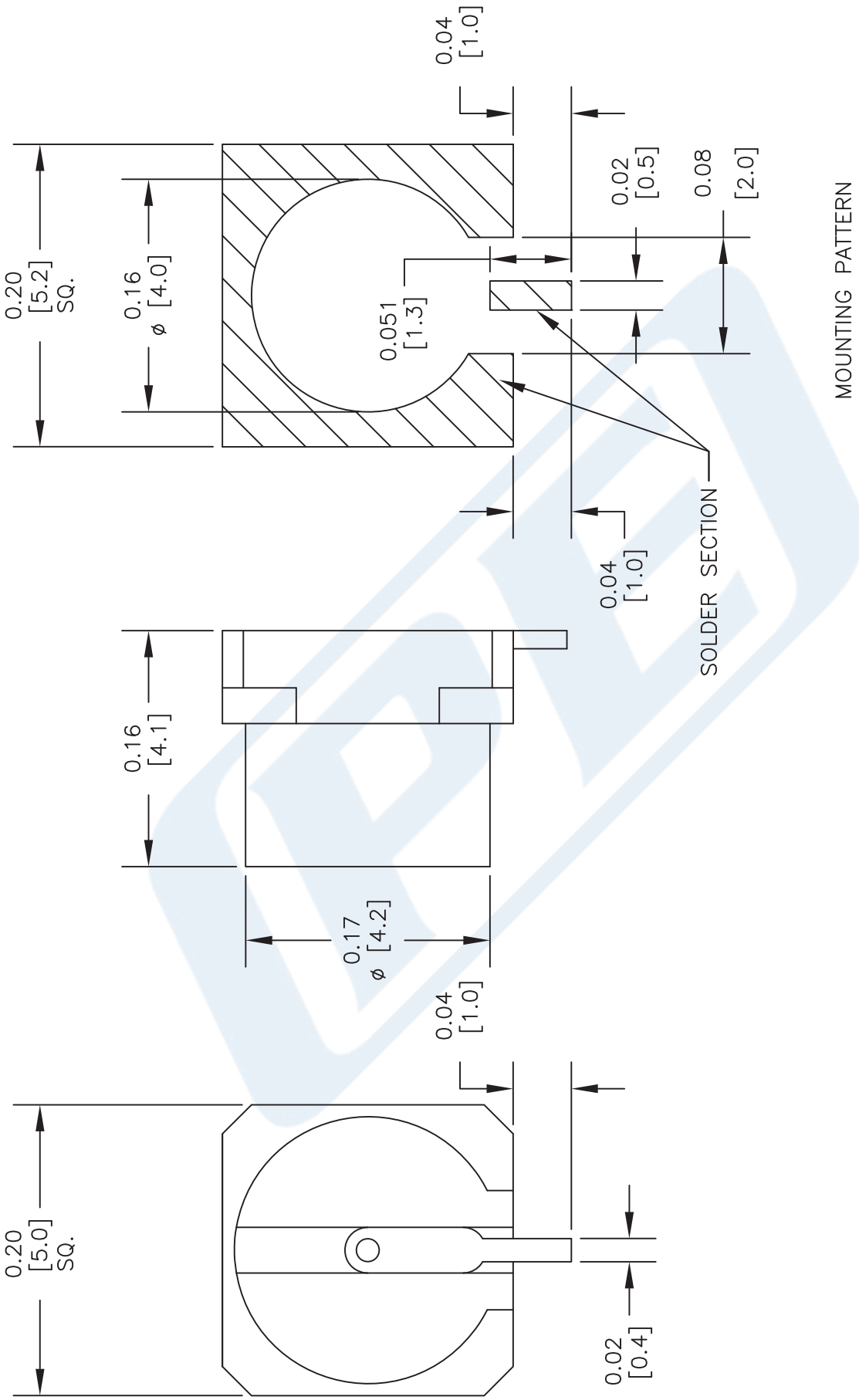
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PE44481 CAD Drawing

SMP Male Limited Detent Connector Solder Attachment Surface Mount PCB



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.

CAD FILE	080415	SCALE N/A	SIZE A	2233

DWG TITLE **PE44481**

FSCM NO. 53919

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