PASTERNACK®
THE ENGINEER'S RF SOURCE



SMP Male Connector Solder Attachment Thru Hole PCB, Up To 8 GHz Full Detent

TECHNICAL DATA SHEET PE44849

Configuration

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

Electrical Specifications

Frequency Range, GHz	DC to 8
Impedance, Ohms	50
Maximum VSWR	1.1:1

Mechanical Specifications

Temperature

Operating Range, deg C	-55 to +155

Size

Length, in [mm]	0.279 [7.09]
Width/Dia., in [mm]	0.236 [5.99]
Height, in [mm]	0.236 [5.99]

Connector

Type	SMP Male
Mating Cycles	100
Contact Material and Plating	Beryllium Copper, Gold
Contact Plating Specification	MIL-DTL-45204
Body Material and Plating	Brass, Gold
Body Plating Specification	MIL-DTL-45204
Dielectric Type	PEI

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

RoHS Compliant	Yes

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, Up To 8 GHz Full Detent PE44849

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 Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
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Plotted and Other Data

Notes: Values at 25 °C, sea level

SMP Male Connector Solder Attachment Thru Hole PCB, Up To 8 GHz Full Detent from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic 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 Connector Solder Attachment Thru Hole PCB, Up To 8 GHz Full Detent PE44849

URL: http://www.pasternack.com/smp-male-standard-thru-hole-pcb-connector-pe44849-p.aspx

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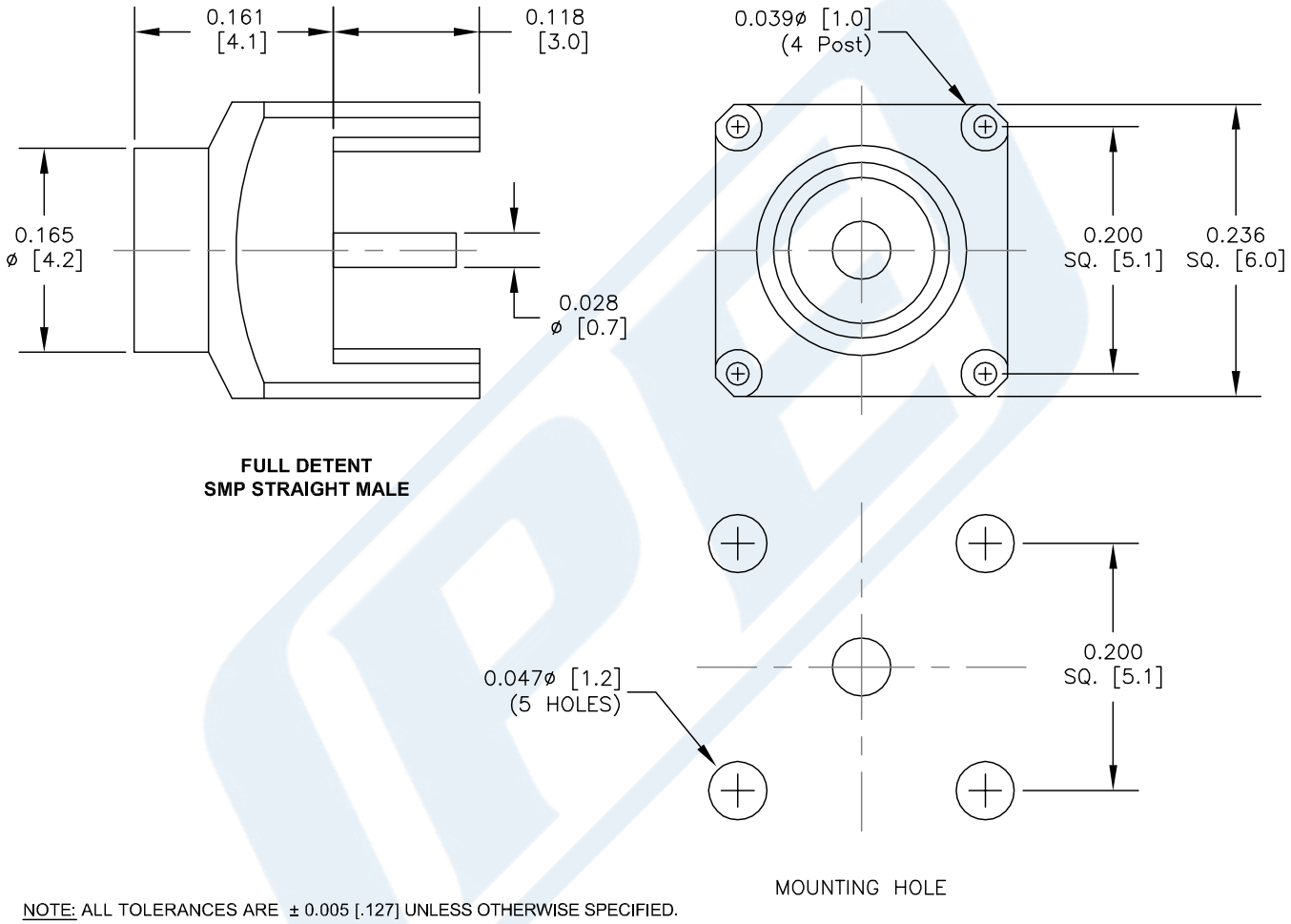
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PE44849 CAD Drawing

SMP Male Connector Solder Attachment Thru Hole PCB, Up To 8 GHz Full Detent



NOTE: ALL TOLERANCES ARE ± 0.005 [.127] UNLESS OTHERWISE SPECIFIED.

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DWG TITLE

PE44849

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 021314	SCALE N/A	SIZE A	2233

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