



Mini SMP Male Precision Full Detent Connector
Solder Attachment Edge Launch PCB

TECHNICAL DATA SHEET

PE44969

Configuration

Connector	Mini SMP Male, Full Detent
Connector Specification	MIL-STD-348A
Connector Interface Type	Edge Launch
Attachment Method (Shield/Contact)	Solder
Connector Design	Precision
Body Style	Straight

Electrical Specifications

Frequency Range	DC to 65 GHz
Impedance	50 Ohms
Maximum VSWR	1.22:1

Frequency 1

Frequency	DC to 30 GHz
VSWR	1.1:1

Frequency 2

Frequency	30 to 45 GHz
VSWR	1.15:1

Frequency 3

Frequency	45 to 65 GHz
VSWR	1.22:1

Mechanical Specifications

Temperature

Operating Range	-55 to +125 deg C
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Size

Length	0.23 in [5.84 mm]
Width/Dia.	0.176 in [4.47 mm]
Height	0.138 in [3.51 mm]
Weight	0.082 lbs [37.19 g]

Connector

Type	Mini SMP Male
Contact Material and Plating	Beryllium Copper, Gold
Contact Plating Specification	MIL-G-45204
Body Material and Plating	Beryllium Copper, Gold
Body Plating Specification	MIL-G-45204
Dielectric Type	PTFE

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

RoHS Compliant

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Mini SMP Male Precision Full Detent Connector Solder Attachment Edge Launch PCB PE44969](#)



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Plotted and Other Data

Notes:

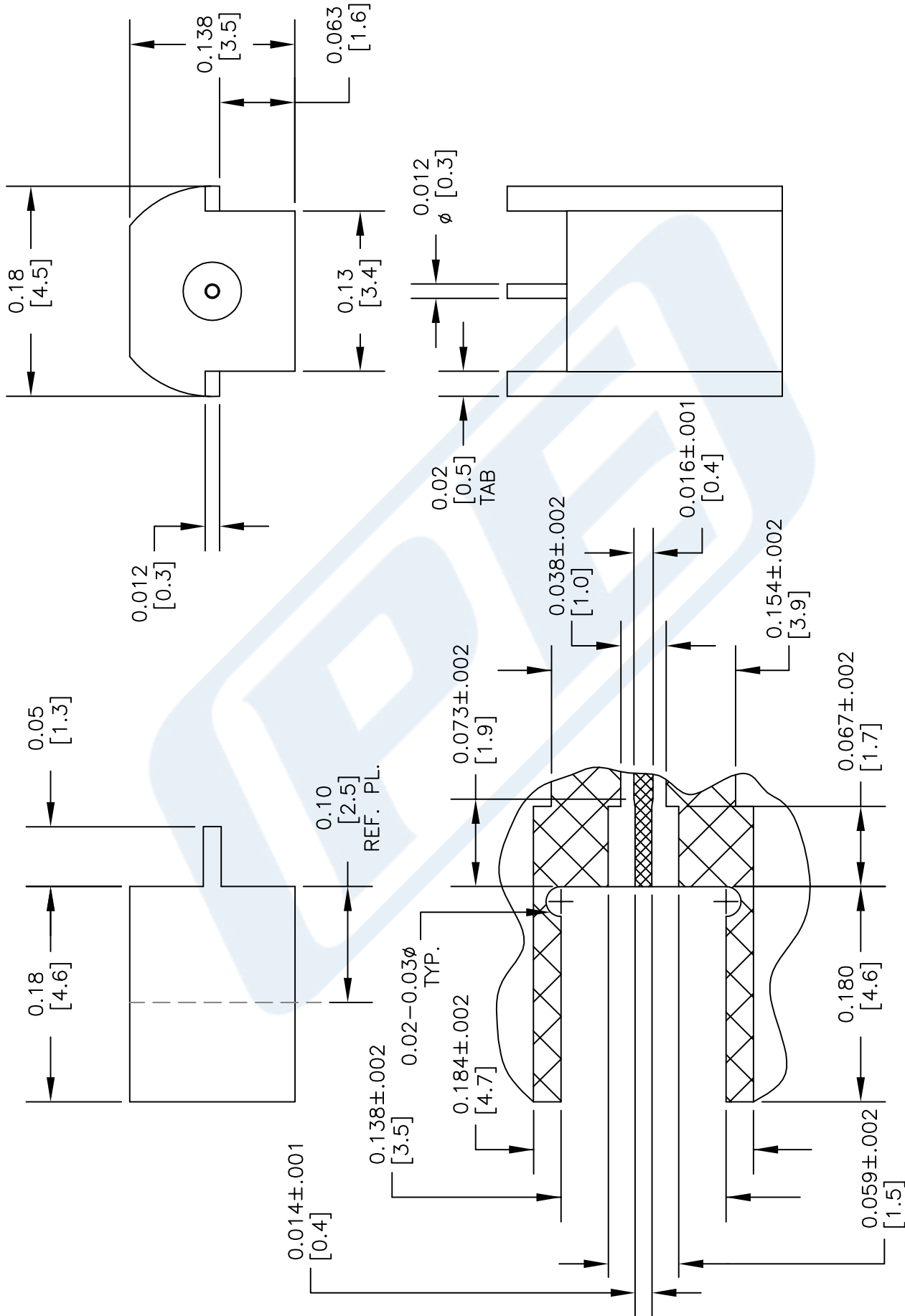
- Values at +25 °C, sea level

Mini SMP Male Precision Full Detent Connector Solder Attachment Edge Launch 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: [Mini SMP Male Precision Full Detent Connector Solder Attachment Edge Launch PCB PE44969](#)

URL: <http://www.pasternack.com/mini-smp-male-full-detent-edge-launch-pcb-connector-pe44969-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].

DWG TITLE

PE44969

FSCM NO. 53919

CAD FILE 101514

SCALE N/A

SIZE A

150

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 THE ENGINEER'S RF SOURCE

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