

SMP Male Smooth Bore Connector Solder Attachment Thru Hole PCB Catchers Mitt with 0.170 Pin Length



PE44967

Configuration

- Smooth Bore SMP Male Connector
- DESC 94007
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: Thru Hole

Features

- Gold Plated Beryllium Copper Contact
- 50 μ in. minimum contact plating
- Blind Mate Connector

Applications

- General Purpose Test
- PCB Applications

Description

Pasternack's PE44967 SMP Male Smooth Bore Connector Solder Attachment for Thru Hole Cable, is part of our full line of RF components available for same-day shipping. The Pasternack blind mate connector is ideal for applications where direct visual or tactile access to the connection point is not possible, for example, when two circuit boards need to be mated.

Our SMP male connector PE44967 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Impedance		50		Ohms

Mechanical Specifications

Size

Length	0.342 in [8.69 mm]
Width	0.2 in [5.08 mm]
Height	0 in [0 mm]
Weight	0.082 lbs [37.19 g]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 50 μ in. minimum
Insulation	Teflon	
Body	Beryllium Copper	Gold 50 μ in. minimum

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Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

SMP Male Smooth Bore Connector Solder Attachment Thru Hole PCB Catchers Mitt with 0.170 Pin Length from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

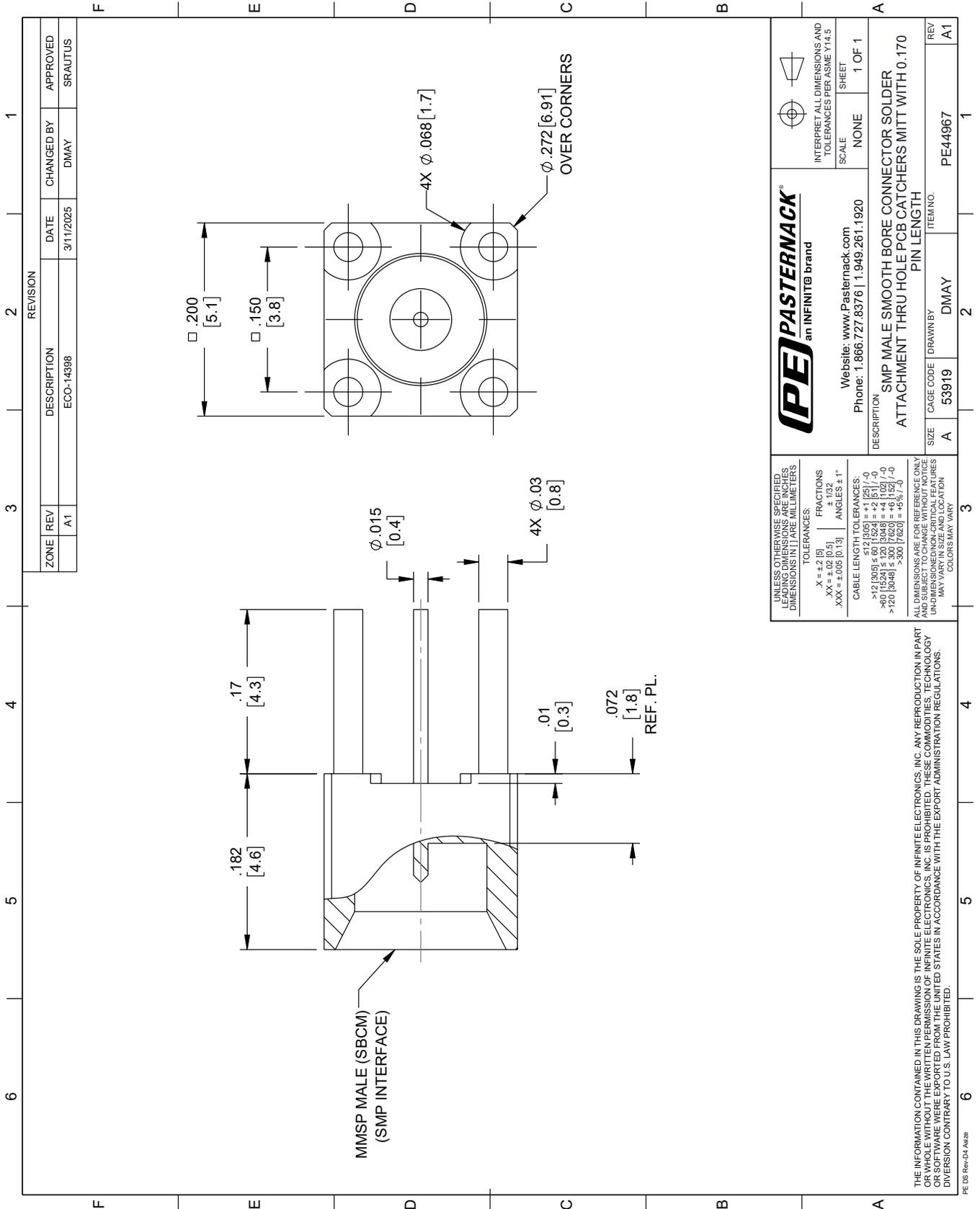
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMP Male Smooth Bore Connector Solder Attachment Thru Hole PCB Catchers Mitt with 0.170 Pin Length PE44967](#)

URL: <https://www.pasternack.com/smp-male-standard-thru-hole-pcb-connector-pe44967.html>

The information contained within 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 Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

PE44967 CAD Drawing

SMP Male Smooth Bore Connector Solder Attachment Thru Hole PCB Catchers Mitt with 0.170 Pin Length



REVISION		DATE	CHANGED BY	APPROVED
ZONE	REV	DESCRIPTION	ECO-14398	
	A1		DMAY	SRAUTUS

PE PASTERNAK
an INFINITE brand

Website: www.Pasternack.com
Phone: 1.866.727.8376 | 1.949.261.1920

INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5
SCALE NONE
SHEET 1 OF 1

DESCRIPTION
SMP MALE SMOOTH BORE CONNECTOR SOLDER ATTACHMENT THRU HOLE PCB CATCHERS MITT WITH 0.170 PIN LENGTH

SIZE	A	CAGE CODE	DMAY	ITEM NO.	PE44967
REV	A1				

UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE IN INCHES AND TRAILING DIMENSIONS ARE IN MILLIMETERS

TOLERANCES:
 .X = ±.2 [5] FRACTIONS ± 1/32
 .XX = ±.02 [0.5] ANGLES ± 1°
 .XXX = ±.005 [0.13]

CABLE LENGTH TOLERANCES:
 <12 [305] ≤ 60 [1524] = ±.1 [25] / -0
 >60 [1524] ≤ 120 [3048] = ±.4 [102] / -0
 >120 [3048] ≤ 300 [7620] = ±.6 [15] / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY
 UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE IN INCHES AND TRAILING DIMENSIONS ARE IN MILLIMETERS
 UNDIMENSIONED NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION
 COLORS MAY VARY

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PE DS Rev-D4 Asstz