PASTERNACK®
THE ENGINEER'S RF SOURCE



BMA Plug Right Angle Slide-On Connector Solder Attachment Surface Mount PCB

RF Connectors Technical Data Sheet PE45333

Configuration

- Slide-On BMA Plug Connector
- 50 Ohms
- Right Angle Body Geometry
- Surface Mount Interface Type
- Solder Attachment

Features

- Max. Operating Frequency 6 GHz
- Gold Plated Brass Contact
- Blind Mate Connector
- Low-Engagement Force

Applications

- General Purpose Test
- PCB Applications
- Blind Mating
- Rack and Panel
- Phased Array Systems
- Base Stations
- RF Backplanes
- Test I/O

Description

Pasternack's PE45333 BMA plug slide-on right angle connector with solder attachment for surface mount PCB is part of our full line of RF components available for same-day shipping. Our BMA plug connector operates up to a maximum frequency of 6 GHz. 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. Its right angle body geometry allows for easier connections in tight spaces.

Our BMA plug right angle connector PE45333 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
Frequency Range	DC		6	GHz
Operating Voltage (AC)			350	Vrms
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size	
Length	0.6 in [15.24 mm]
Width/Dia.	0.21 in [5.33 mm]
Height	0.4 in [10.16 mm]
Weight	0.007 lbs [3.18 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: BMA Plug Right Angle Slide-On Connector Solder Attachment Surface Mount PCB PE45333

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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Material Specifications

Description	Material	Plating
Contact	Brass	Gold
Insulation	PTFE	
Body	Brass	Gold

Environmental Specifications

Temperature

Operating Range -65 to +125 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

BMA Plug Right Angle Slide-On 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 99.4% availability and are part of the broadest selection in the industry.

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URL: https://www.pasternack.com/bma-plug-slide-on-surface-mount-pcb-connector-pe45333-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.

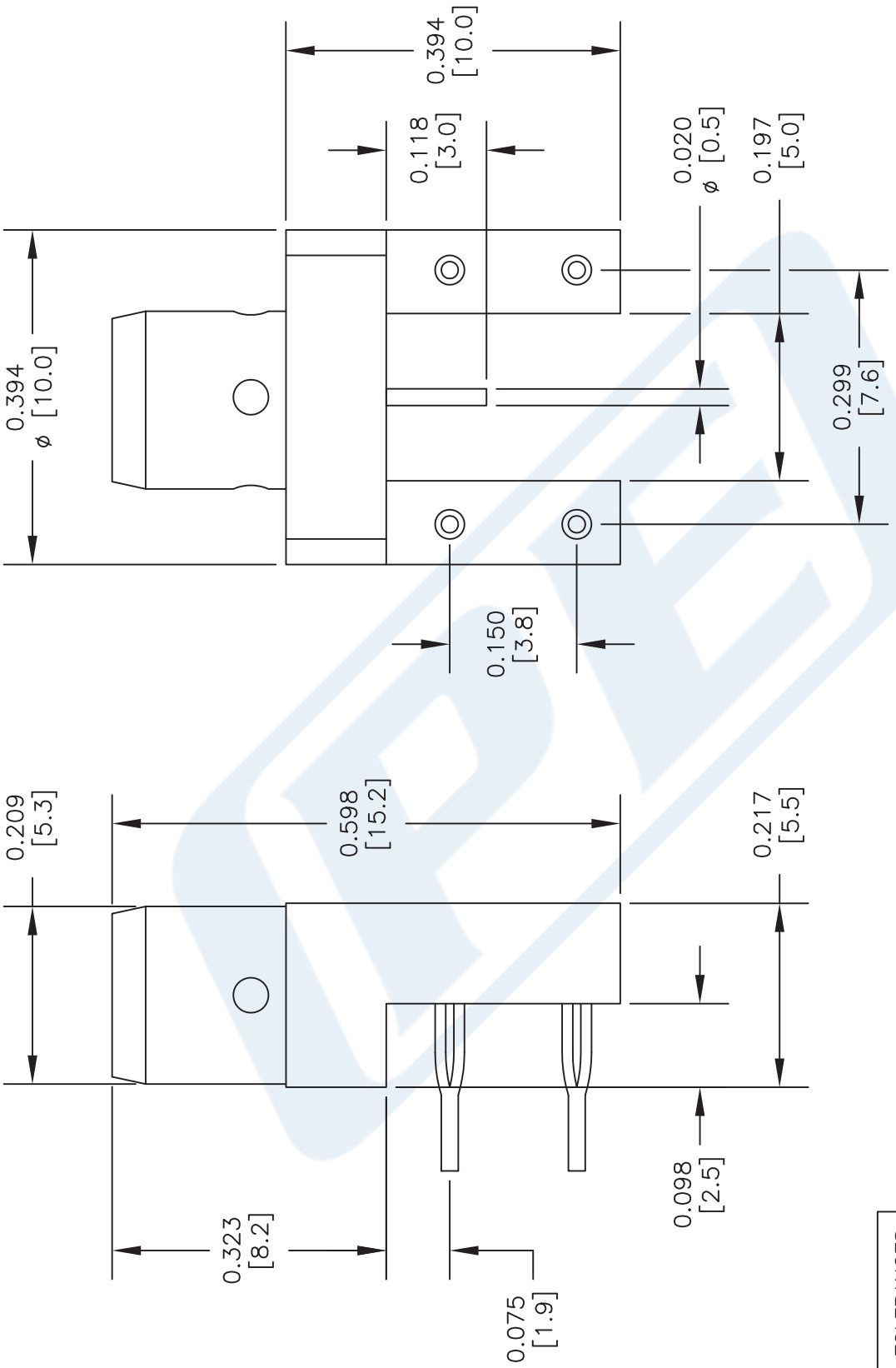
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PE45333 CAD Drawing

BMA Plug Right Angle Slide-On Connector Solder Attachment Surface Mount PCB



STANDARD TOLERANCES
.X ±0.2
.XX ±0.1
.XXX ±0.05

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

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: PE45333

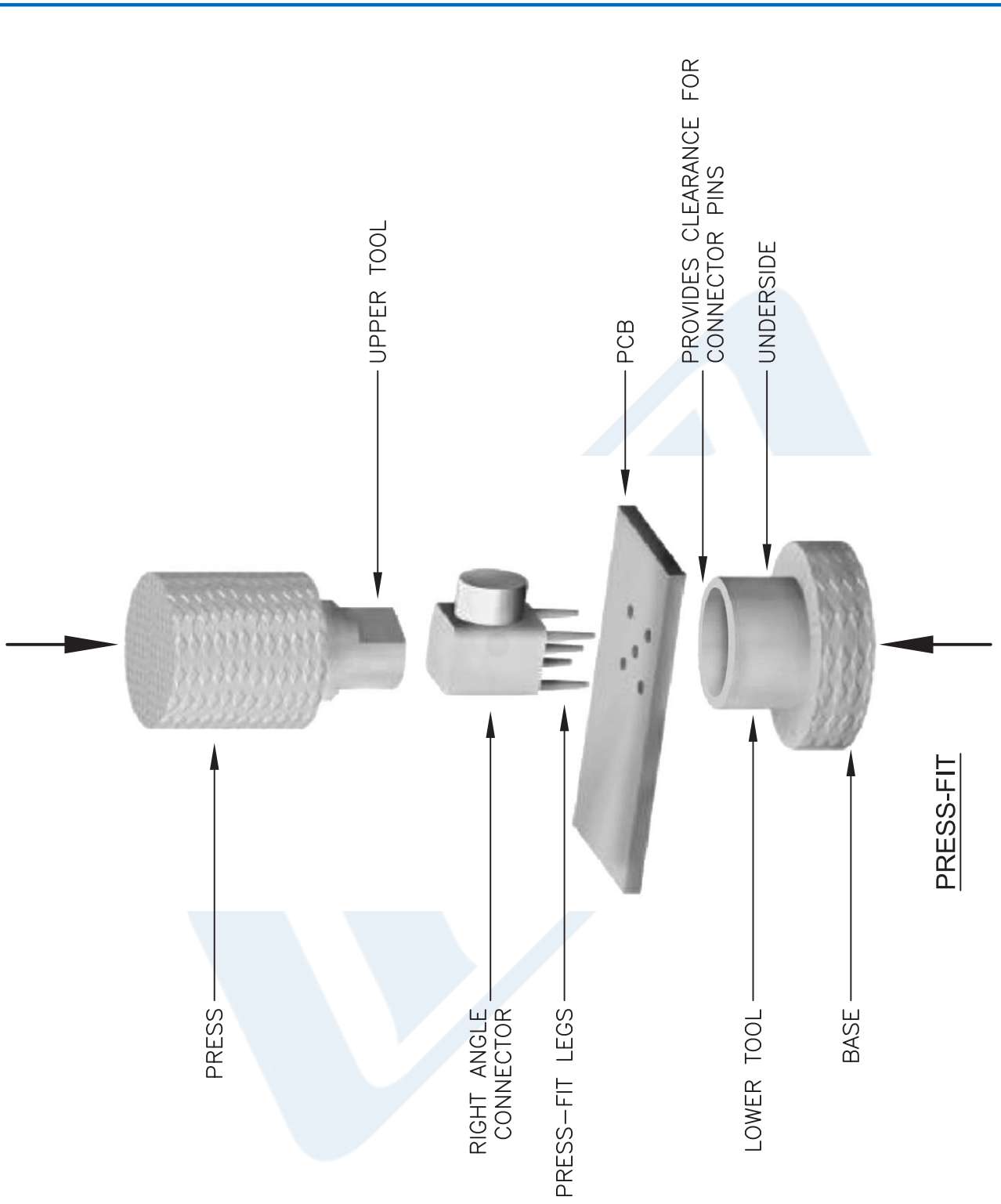
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