



## BMA Plug Right Angle Connector Solder Attachment Thru Hole PCB

### RF Connectors Technical Data Sheet

PE45355

#### Configuration

- BMA Plug Connector
- 50 Ohms
- Right Angle Body Geometry
- Thru Hole Interface Type
- Solder Attachment

#### Features

- Max. Operating Frequency 22 GHz
- Excellent VSWR of 1.25:1
- Gold Plated Brass Contact
- 31.49μ in. minimum contact plating
- Blind Mate Connector

#### Applications

- General Purpose Test
- PCB Applications

#### Description

Pasternack's PE45355 BMA plug right angle connector with solder attachment for thru hole 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 22 GHz and offers excellent VSWR of 1.25:1. 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 PE45355 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		22	GHz
VSWR			1.25:1	
Insertion Loss			3.75	dB
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.	0.25 in [6.35 mm]
Height	0.68 in [17.27 mm]

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 Connector Solder Attachment Thru Hole PCB PE45355](#)



## BMA Plug Right Angle Connector Solder Attachment Thru Hole PCB

### RF Connectors Technical Data Sheet

PE45355

Weight	0.011 lbs [4.99 g]
Mating Cycles	500 Cycles

#### Material Specifications

Description	Material	Plating
Contact	Brass	Gold 31.49μ in. minimum
Insulation	PTFE	
Body	Stainless Steel	Gold 19.68μ in. minimum

#### 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 Connector Solder Attachment Thru Hole 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.

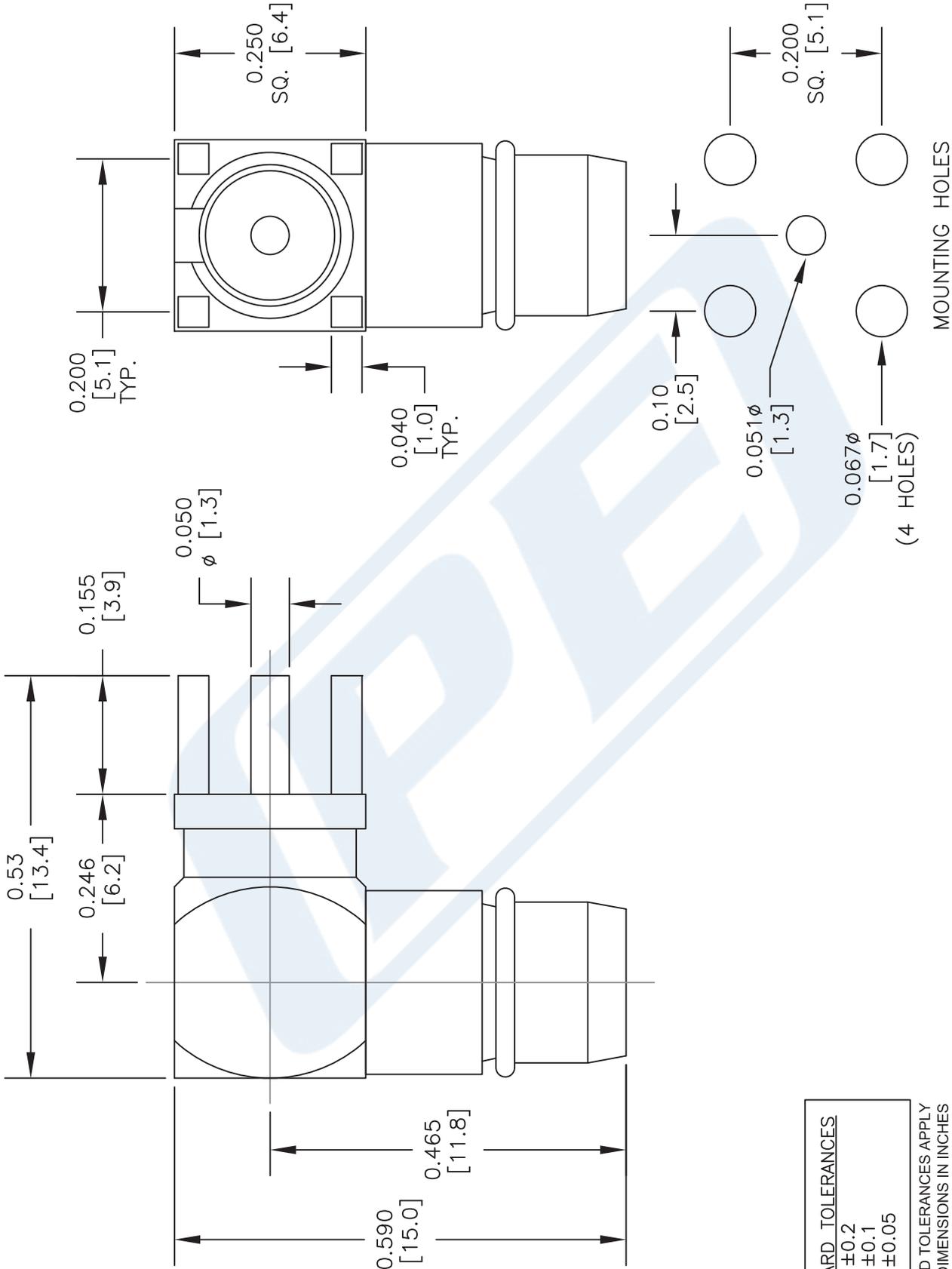
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BMA Plug Right Angle Connector Solder Attachment Thru Hole PCB PE45355](#)

URL: <https://www.pasternack.com/bma-plug-thru-hole-pcb-connector-pe45355-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.

# PE45355 CAD Drawing

BMA Plug Right Angle Connector Solder Attachment Thru Hole PCB



**STANDARD TOLERANCES**  
.X  $\pm 0.2$   
.XX  $\pm 0.1$   
.XXX  $\pm 0.05$

\*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

<b>PE PASTERNAK®</b> THE ENGINEERS' RF SOURCE Pasternack Enterprises, Inc. P.O. Box 16759   Irvine   CA   92623 Phone: (949) 261-1920   Fax: (949) 261-7451 Website: www.pasternack.com   E-Mail: sales@pasternack.com	DWG TITLE <b>PE45355</b>		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].
	CAGE CODE <b>53919</b>	CAD FILE 040317	SCALE N/A
© 2017 Pasternack Enterprises All Rights Reserved		PE45355 REV 1.0	SIZE A 2233