



## SMA Male Right Angle Precision Connector Clamp/Solder Attachment for PE-P300LL

### RF Connectors Technical Data Sheet

PE45041

#### Configuration

- SMA Male Connector
- MIL-STD-348
- 50 Ohms
- Right Angle Body Geometry
- PE-P300LL Interface Type
- Clamp/Solder Attachment
- 5/16 Inch Hex
- Precision Design

#### Features

- Max. Operating Frequency 18 GHz
- Good VSWR of 1.45:1
- Gold Plated Beryllium Copper Contact
- Contact plating according to ASTM-B488 50 µin

#### Applications

- General Purpose Test
- Precision Test & Measurement
- Custom Cable Assemblies

#### Description

Pasternack's PE45041 SMA male right angle precision connector with clamp/solder attachment for PE-P300LL is part of our full line of RF components available for same-day shipping. Our SMA male connector operates up to a maximum frequency of 18 GHz and offers good VSWR of 1.45:1. Its right angle body geometry allows for easier connections in tight spaces.

Our SMA male right angle connector PE45041 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		18	GHz
VSWR			1.45:1	

#### Mechanical Specifications

<b>Size</b>	
Length	1.855 in [47.12 mm]
Width/Dia.	0.78 in [19.81 mm]
Weight	0.06 lbs [27.22 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male Right Angle Precision Connector Clamp/Solder Attachment for PE-P300LL PE45041](#)



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#### Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold ASTM-B488 50 µin
Insulation	PTFE	
Body	Passivated Stainless Steel	SAE-AMS-2700
Coupling Nut	Passivated Stainless Steel	SAE-AMS-2700
Gasket	Silicone Rubber	

#### Environmental Specifications

##### Temperature

Operating Range -55 to +160 deg C

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

#### Plotted and Other Data

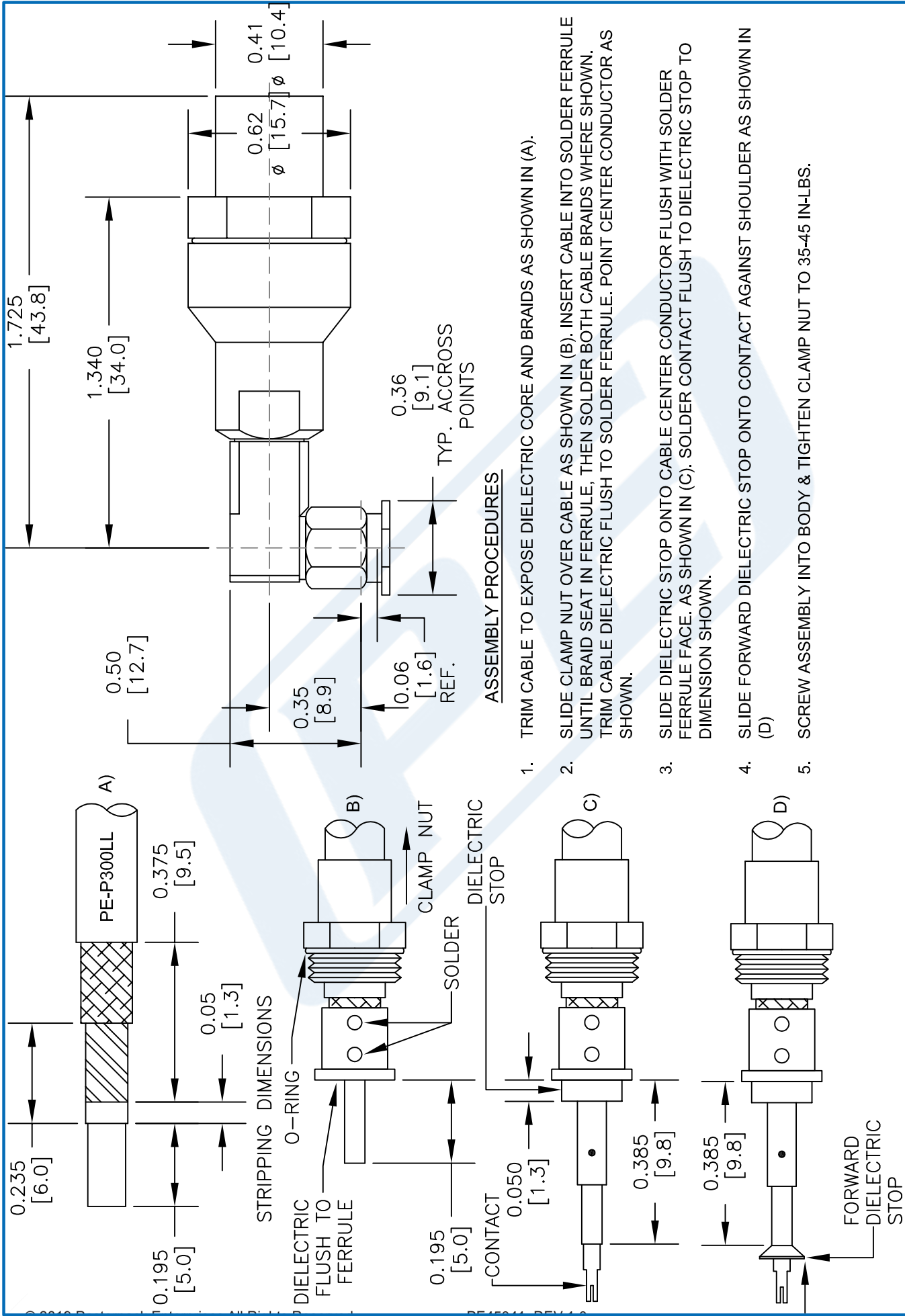
Notes:

SMA Male Right Angle Precision Connector Clamp/Solder Attachment for PE-P300LL 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: [SMA Male Right Angle Precision Connector Clamp/Solder Attachment for PE-P300LL PE45041](#)

URL: <https://www.pasternack.com/sma-male-pe-p300ll-connector-pe45041-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.



**PE PASTERNAK®**  
THE ENGINEER'S RF SOURCE

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DWG TITLE

**PE45041**

FSCM NO. 53919

CAD FILE 102414

SCALE N/A

SIZE A

150

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.