



SMA Male Connector Solder Attachment .062 inch  
End Launch PCB, .030 inch Diameter

RF Connectors Technical Data Sheet

PE4912

### Configuration

- SMA Male Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- .062 inch End Launch Interface Type
- Solder Attachment
- 5/16 inch Hex

### Features

- Gold Plated Brass Contact
- Contact plating according to MIL-G-45204

### Applications

- General Purpose Test
- PCB Applications

### Description

Pasternack's PE4912 SMA male connector with solder attachment for .062 inch end launch PCB is part of our full line of RF components available for same-day shipping.

Our SMA male connector PE4912 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.

### Mechanical Specifications

#### Size

Length	0.677 in [17.2 mm]
Width/Dia.	0.375 in [9.53 mm]
Height	0.312 in [7.92 mm]
Weight	0.01 lbs [4.54 g]
Mating Torque	3 to 5 in-lbs [0.34 to 0.57 Nm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male Connector Solder Attachment .062 inch End Launch PCB, .030 inch Diameter PE4912](#)



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### Material Specifications

Description	Material	Plating
Contact	Brass	Gold MIL-G-45204
Insulation	PTFE	
Body	Brass	Gold MIL-G-45204
Coupling Nut	Brass	Gold MIL-G-45204

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

### Plotted and Other Data

Notes:

SMA Male Connector Solder Attachment .062 inch End Launch PCB, .030 inch Diameter 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: [SMA Male Connector Solder Attachment .062 inch End Launch PCB, .030 inch Diameter PE4912](#)

URL: <https://www.pasternack.com/sma-male-standard-0.062-end-launch-connector-pe4912-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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**PE4912**

**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.

FSCM NO. 53919

**CAD FILE 061302**

SCALE N/A

**SIZE A**

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