



## SMA Male Right Angle Connector Crimp/Solder Attachment For RG316, RG174, RG188

### TECHNICAL DATA SHEET

PE4009

#### SMA Male Right Angle Connector Crimp/Solder Attachment For RG316, RG174, RG188

##### Configuration

Connector	SMA Male
Connector Specification	MIL-STD-348A
Connector Interface Type	RG316, RG174, RG188
Cable Attachment Method (Shield/Contact)	Crimp/Solder
Body Style	Right Angle

##### Electrical Specifications

Frequency Range, GHz	DC to 3
Impedance, Ohms	50
Maximum VSWR	1.4:1
Maximum Operating Voltage, Volts	335
Dielectric Withstanding Voltage, Vrms	750

##### Mechanical Specifications

###### Temperature

Operating Range, deg C	-65 to +165
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###### Size

Length, in [mm]	0.756 [19.2]
Width/Dia., in [mm]	0.315 [8]
Height, in [mm]	0.61 [15.49]
Weight, lbs [g]	0.013 [5.9]

###### Connector

Type	SMA Male
Contact Material and Plating	Brass, Gold
Contact Plating Specification	50µ in. minimum
Hex Size, in	5/16
Torque, in-lbs [Nm]	5 [0.57]
Body Material and Plating	Brass, Nickel
Body Plating Specification	100µ in. minimum
Dielectric Type	Teflon

##### Compliance Certifications (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant	Yes
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##### Plotted and Other Data

Notes: Values at 25 °C, sea level

URL: <http://www.pasternack.com/sma-male-standard-rg316-rg174-rg188-connector-pe4009-p.aspx>

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 Connector Crimp/Solder Attachment For RG316, RG174, RG188 PE4009](http://www.pasternack.com/sma-male-standard-rg316-rg174-rg188-connector-pe4009-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.

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SMA Male Right Angle Connector Crimp/Solder Attachment For RG316, RG174, RG188 from Pasternack Enterprises has same day shipment for domestic and International orders. We maintain 99% availability of the industry's broadest selection of RF, microwave and fiber optic products.

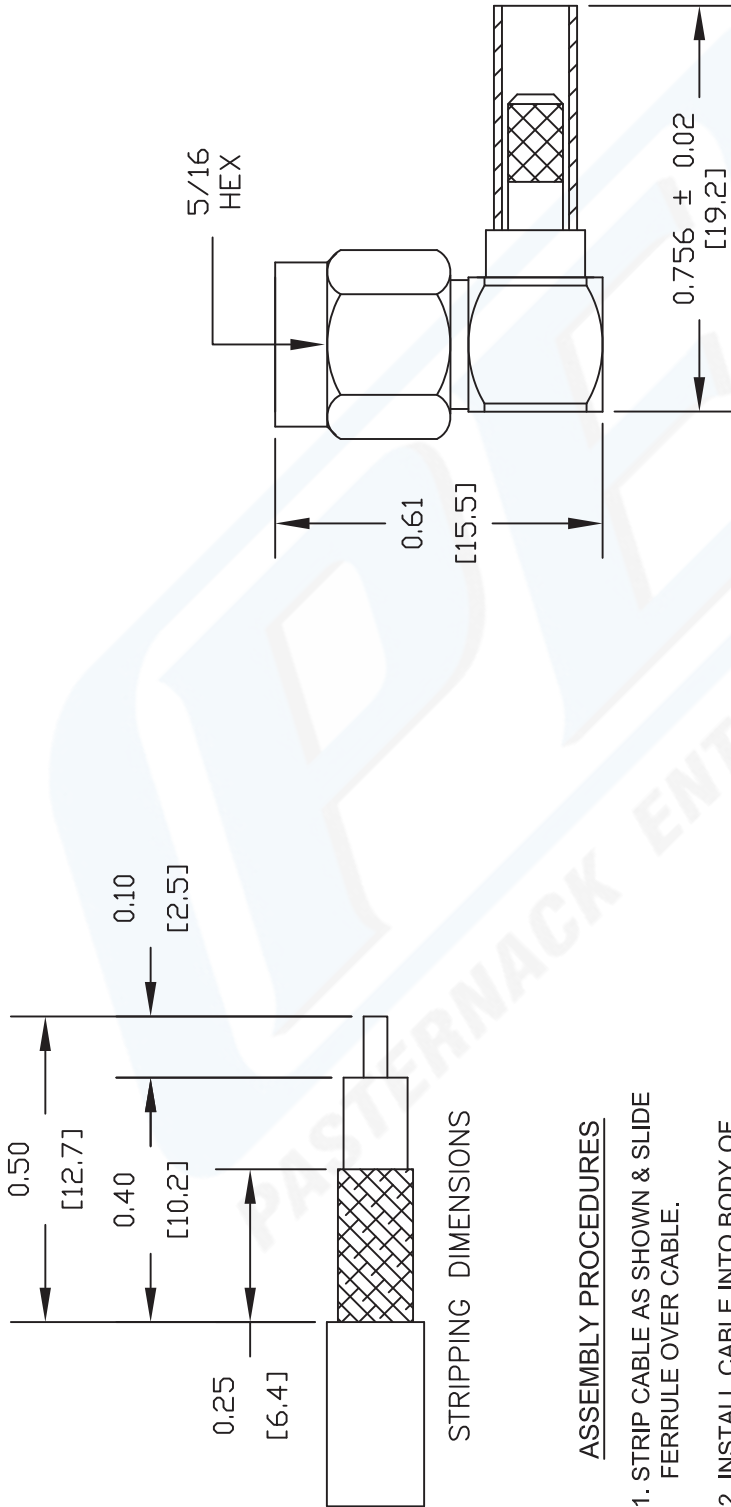


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# PE4009 CAD Drawing

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### STRIPPING DIMENSIONS

### ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN & SLIDE FERRULE OVER CABLE.
2. INSTALL CABLE INTO BODY OF CONNECTOR AND SOFT SOLDER CENTER CONDUCTOR IN PLACE.
3. CRIMP FERRULE & PRESS CAP DOWN.

### CRIMP SIZE REQUIRED

FERRULE: .128" HEX CRIMP TOOL

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DWG TITLE  
**PE4009**

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.

REV. A	FSCM NO. 53919	CAD FILE 072711	SCALE N/A	SIZE A	2231
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