



Reverse Polarity SMA Male Right Angle Connector Crimp/  
Solder Attachment for RG188-DS, RG316-DS

TECHNICAL DATA SHEET

PE45185

**Configuration**

Connector	SMA Male Reverse Polarity
Connector Interface Type	RG188-DS, RG316-DS
Attachment Method (Shield/Contact)	Crimp/Solder
Body Style	Right Angle

**Electrical Specifications**

Impedance	50 Ohms
-----------	---------

**Mechanical Specifications**

**Size**

Length	0.61 in [15.49 mm]
Width/Dia.	0.312 in [7.92 mm]
Height	0.84 in [21.34 mm]
Weight	0.013 lbs [5.9 g]

**Connector**

Type	SMA Male Reverse Polarity
Contact Material and Plating	Gold
Coupling Nut Material and Plating	Brass, Nickel
Hex Size	5/16 in
Torque	5 in-lbs [0.57 Nm]
Body Material and Plating	Brass, Nickel
Dielectric Type	PTFE

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

RoHS Compliant	
REACH Compliant	06/18/2012

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Reverse Polarity SMA Male Right Angle Connector Crimp/Solder Attachment for RG188-DS, RG316-DS PE45185](#)



Reverse Polarity SMA Male Right Angle Connector Crimp/  
Solder Attachment for RG188-DS, RG316-DS

TECHNICAL DATA SHEET

PE45185

**Plotted and Other Data**

Notes:

- Values at +25 °C, sea level

Reverse Polarity SMA Male Right Angle Connector Crimp/Solder Attachment for RG188-DS, RG316-DS 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.

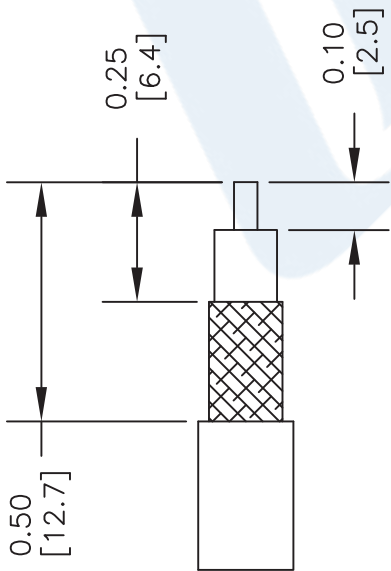
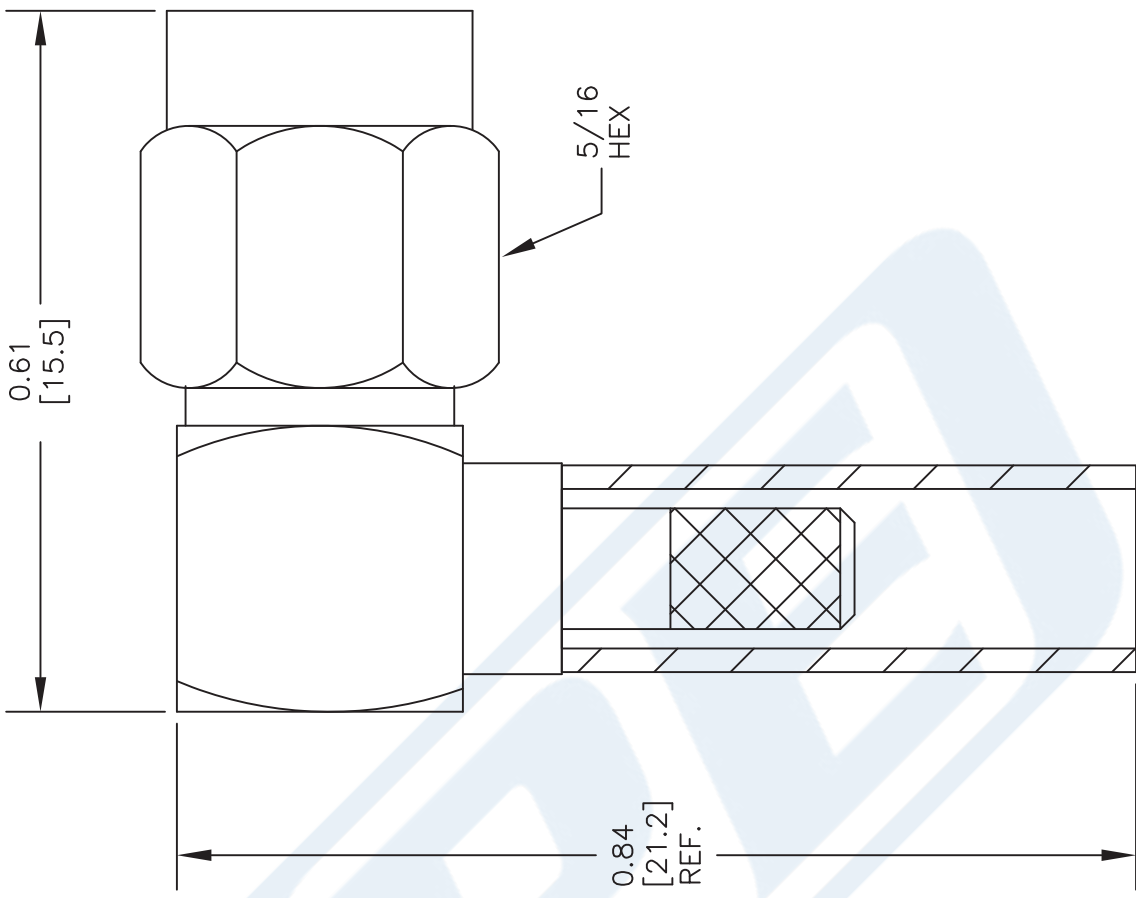
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Reverse Polarity SMA Male Right Angle Connector Crimp/Solder Attachment for RG188-DS, RG316-DS PE45185](http://www.pasternack.com/sma-male-reverse-polarity-rg188-ds-rg316-ds-connector-pe45185-p.aspx)

URL: <http://www.pasternack.com/sma-male-reverse-polarity-rg188-ds-rg316-ds-connector-pe45185-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.

PE45185 CAD Drawing

Reverse Polarity SMA Male Right Angle Connector Crimp/  
Solder Attachment for RG188-DS, RG316-DS



STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

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

CRIMP SIZE REQUIRED

FERRULE: .128" HEX CRIMP TOOL

DWG TITLE

PE45185

- 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 031715

SCALE N/A

SIZE A

2233



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