



## SMB Plug Right Angle Connector Crimp/Solder Attachment For RG188-DS, RG316-DS

### TECHNICAL DATA SHEET

PE44818

#### SMB Plug Right Angle Connector Crimp/Solder Attachment For RG188-DS, RG316-DS

##### Configuration

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

##### Electrical Specifications

Frequency Range, GHz	DC to 4
Impedance, Ohms	50
Maximum VSWR	1.3:1
Maximum Operating Voltage, Volts	250
Dielectric Withstanding Voltage, Vrms	750

##### Mechanical Specifications

###### Temperature

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

Length, in [mm]	0.51 [12.95]
Width/Dia., in [mm]	0.256 [6.50]
Height, in [mm]	0.75 [19.05]
Weight, lbs [g]	0.006 [2.72]

###### Connector

Type	SMB Plug
Contact Material and Plating	Beryllium Copper, Gold
Contact Plating Specification	30µ in. minimum
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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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMB Plug Right Angle Connector Crimp/Solder Attachment For RG188-DS, RG316-DS PE44818](#)

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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#### Plotted and Other Data

Notes:

Values at 25 °C, sea level

SMB Plug 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 fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

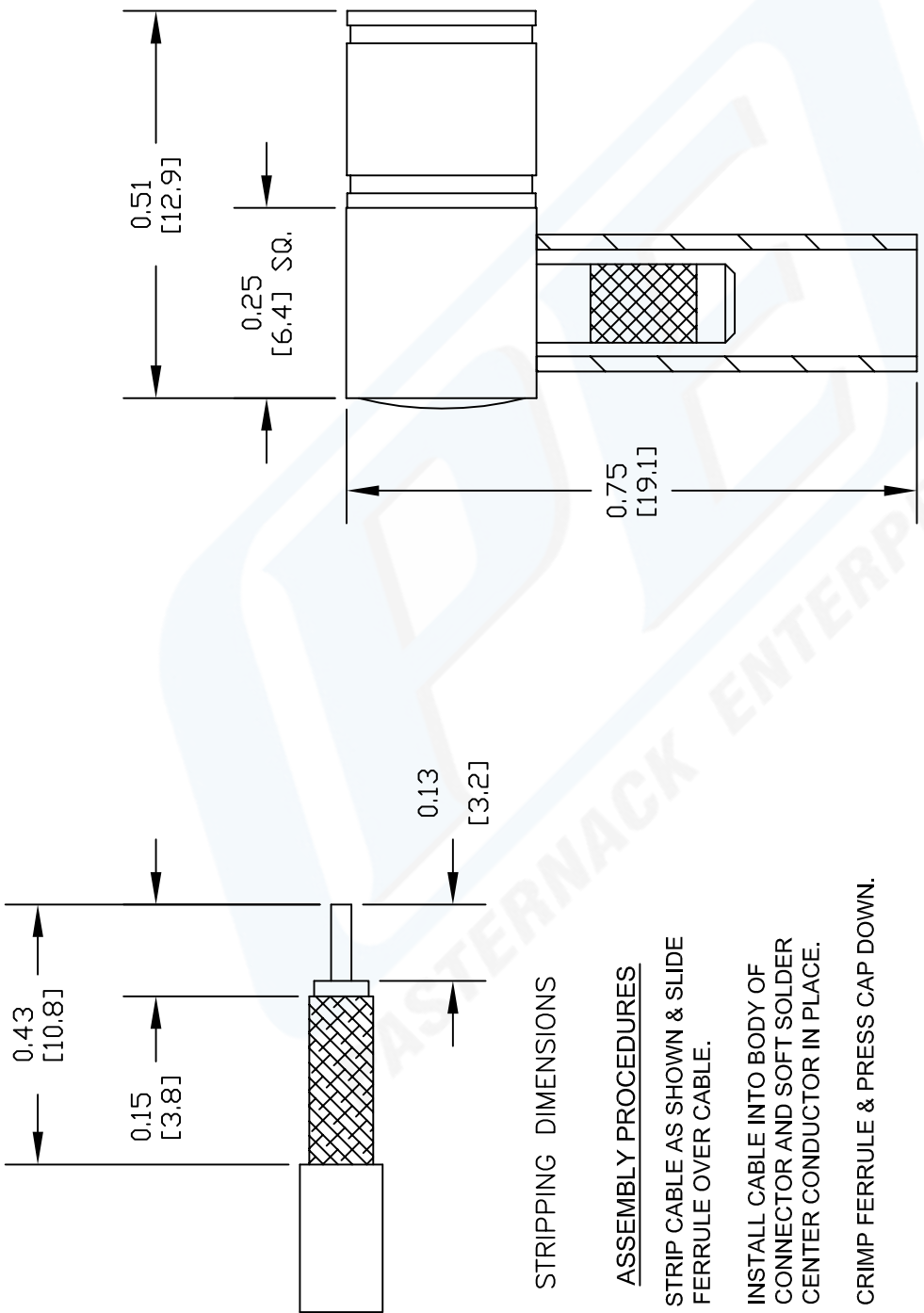
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMB Plug Right Angle Connector Crimp/Solder Attachment For RG188-DS, RG316-DS PE44818](http://www.pasternack.com/smb-plug-standard-rg188-ds-rg316-ds-connector-pe44818-p.aspx)

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PE44818 CAD Drawing

SMB Plug Right Angle Connector Crimp/Solder Attachment For RG188-DS, RG316-DS



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: .138" HEX CRIMP TOOL



**PASTERNAK®**  
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DWG TITLE

**PE44818**

FSCM NO. 53919

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.

CAD FILE 102313

SCALE N/A

SIZE A

150