SHV Plug Connector Clamp/Solder Attachment For
RG58, RG55, RG141, RG142, RG223, RG400

TECHNICAL DATA SHEET	**PE4316**

SHV Plug Connector Clamp/Solder Attachment For RG58, RG55, RG141, RG142, RG223, RG400

Configuration

Connector	SHV Plug
Connector Specification	MIL-STD-348A
Connector Interface Type	RG58,RG55,RG141,RG142,RG223,RG400
Cable Attachment Method (Shield/Contact)	Clamp/Solder
Body Style	Straight

Electrical Specifications

Frequency Range, MHz	DC to 300
Impedance, Ohms	50
Maximum VSWR	1.3:1
Maximum Operating Voltage, Volts	3,500
Dielectric Withstanding Voltage, Vrms	5,000

Mechanical Specifications

Temperature

Operating Range, deg C	-65 to +165

Size

Length, in [mm]	1.77 [44.96]
Width/Dia., in [mm]	0.571 [15]
Weight, lbs [g]	0.055 [24.95]

Connector

Type	SHV Plug
Contact Material and Plating	Brass, 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 for current document)

RoHS Compliant	Yes

Plotted and Other Data

Notes:	Values at 25 °C, sea level

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SHV Plug Connector Clamp/Solder Attachment For RG58, RG55, RG141, RG142, RG223, RG400 PE4316

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
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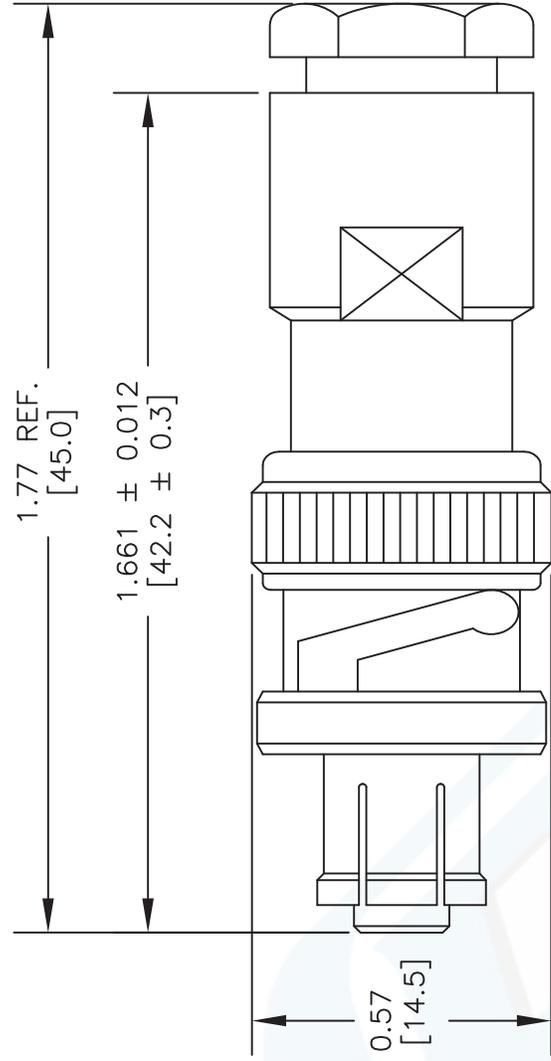## TECHNICAL DATA SHEET   PE4316

URL: http://www.pasternack.com/shv-plug-standard-rg58-rg55-rg141-rg142-rg223-rg400-connector-pe4316-p.aspx

SHV Plug Connector Clamp/Solder Attachment For RG58, RG55, RG141, RG142, RG223, RG400 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.

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.
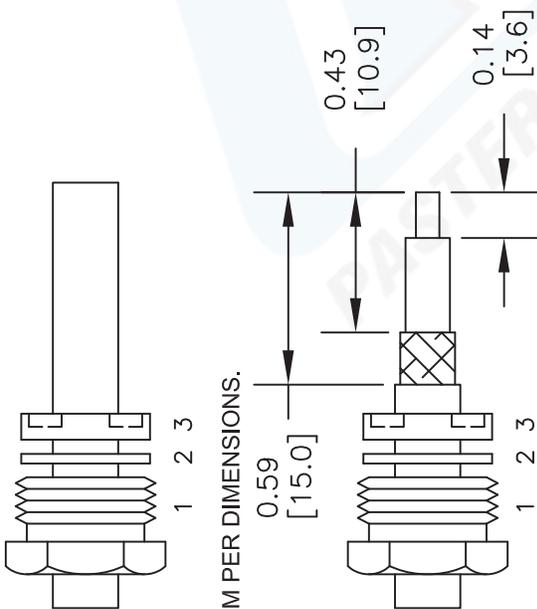
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PE4316 CAD Drawing
SHV Plug Connector Clamp/Solder Attachment For RG58, RG55, RG141, RG142, RG223, RG400

1.77 REF.
[45.0]

1.661 ± 0.012
[42.2 ± 0.3]

0.57
ø [14.5]

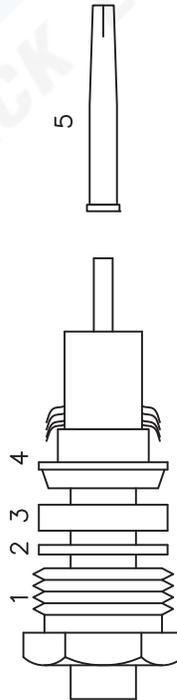0.43
[10.9]

0.14
[3.6]

0.59
[15.0]

ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1), WASHER (2) & GASKET (3) OVER CABLE AS SHOWN.
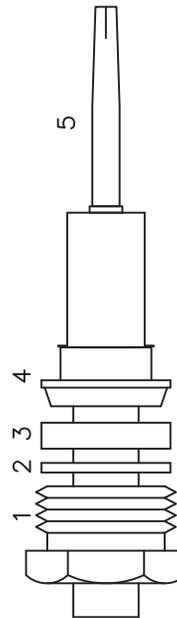
1 2 3

2. TRIM PER DIMENSIONS.

1 2 3

3. a) SLIDE BRAID CLAMP OVER BRAID UNTIL IT STOPS ON CABLE JACKET.
   b) FLAIR BRAID AS SHOWN.

1 2 3 4

4. INSTALL CONTACT BY SOLDERING TO CABLE CENTER CONDUCTOR LEAVING NO GAPS (5).

5

1 2 3 4

5. REMOVE EXCESS SOLDER. INSERT ASSEMBLY INTO CONNECTOR BODY AND TIGHTEN NUT.

5

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.

DWG TITLE			
PE4316			
FSCM NO. 53919			
REV. A	CAD FILE 050712	SCALE N/A	SIZE A
			2233