

SHV Plug Connector Clamp/Solder Attachment For RG174, RG316, RG188



TECHNICAL DATA SHEET

PE4498

SHV Plug Connector Clamp/Solder Attachment For RG174, RG316, RG188

Configuration

Connector	SHV Plug
Connector Specification	MIL-STD-348A
Connector Interface Type	RG174,RG316,RG188
Cable Attachment Method (Shield/Contact)	Clamp/Solder
Body Style	Straight

Electrical Specifications

Frequency Range, MHz	DC to 300
Impedance, Ohms	50
Maximum VSWR	1.5:1
Maximum Operating Voltage, Volts	500
Dielectric Withstanding Voltage, Vrms	1,500

Mechanical Specifications

Temperature

Operating Range, deg C	-65 to +165
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Size

Length, in [mm]	1.83 [46.48]
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
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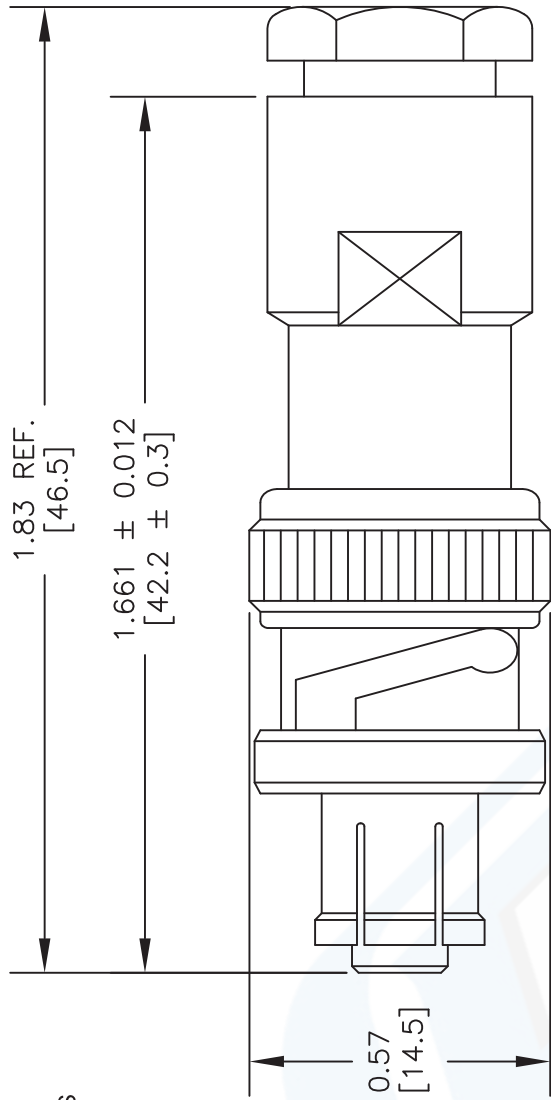
Plotted and Other Data

Notes:	Values at 25 °C, sea level
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URL: <http://www.pasternack.com/shv-plug-standard-rg174-rg316-rg188-connector-pe4498-p.aspx>

SHV Plug Connector Clamp/Solder Attachment For RG174, RG316, 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.

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.



Maximum Voltage

WORKING VOLTAGE

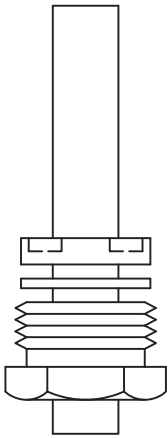
500 VRMS

PROOF VOLTAGE

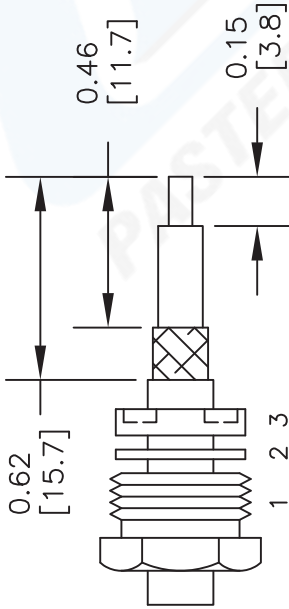
1500 VRMS

ASSEMBLY PROCEDURES

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

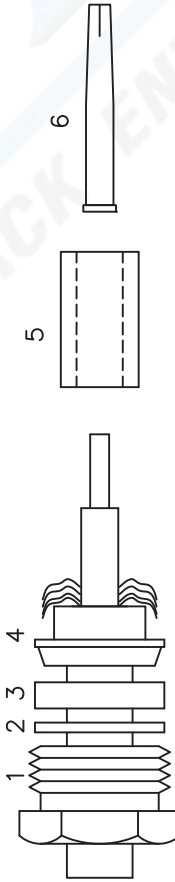


2. TRIM PER DIMENSIONS.

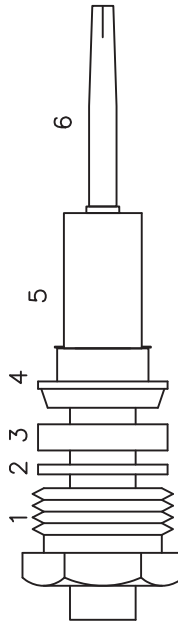


3. a) SLIDE BRAID CLAMP OVER BRAID UNTIL IT STOPS ON CABLE JACKET.

b) FLAIR BRAID AS SHOWN.



4. a) INSERT PTFE SLEEVE FLUSH AGAINST FLAIED BRAID (5) BEFORE CONTACT (6). SLIDING OVER CENTER CONDUCTOR & CABLE DIELECTRIC. b) INSTALL CONTACT BY SOLDERING TO CABLE CENTER CONDUCTOR LEAVING NO GAPS.



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



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DWG TITLE

PE4498

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. B

FSCM NO. 53919

CAD FILE 040412

SCALE N/A

SIZE A

2233