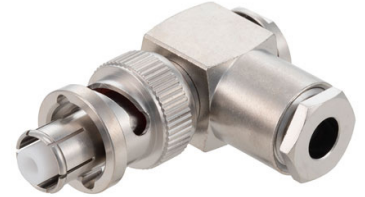


SHV Plug Right Angle Connector Clamp/Solder Attachment for RG58, RG142, RG400, LMR-195, LMR-195-FR, LMR-195-UF, LMR-LW195, PE-C195, RG141



PE45849

Configuration

- SHV Plug Connector
- MIL-STD-348B
- 50 Ohms
- Right Angle Body Geometry
- Connector Interface Types: RG58, RG142, RG400, LMR-195, LMR-195-FR, LMR-195-UF, LMR-LW195, PE-C195, RG141, RG223
- 7/16 Inch Hex

Features

- Max. Operating Frequency 300 MHz
- Gold over Nickel over copper Plated Brass Contact

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE45849 Right Angle SHV Plug Connector Clamp/Solder Attachment for RG58, RG142, RG400, LMR-195, LMR-195-FR, LMR-195-UF, LMR-LW195, PE-C195, RG141 and RG223 Cable is part of our full line of RF components available for same-day shipping. Our SHV plug connector operates up to a maximum frequency of 300 MHz. Its right angle body geometry allows for easier connections in tight spaces.

Our SHV plug right angle connector PE45849 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

Electrical Specifications

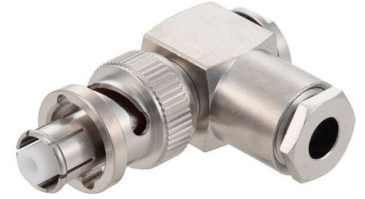
Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		300	MHz
Operating Voltage (AC)			3,500	Vrms
Dielectric Withstanding Voltage (AC)			5,000	Vrms
Inner Conductor DC Resistance			2	mOhms
Outer Conductor DC Resistance			1.5	mOhms
Insulation Resistance	5,000			MOhms
Impedance		50		Ohms

Mechanical Specifications

Size

- Length 0.92 in [23.37 mm]
- Width 0.57 in [14.48 mm]
- Height 1.48 in [37.59 mm]
- Weight 0.062 lbs [28.12 g]

SHV Plug Right Angle Connector Clamp/Solder Attachment for RG58, RG142, RG400, LMR-195, LMR-195-FR, LMR-195-UF, LMR-LW195, PE-C195, RG141



PE45849

Material Specifications

Description	Material	Plating
Contact	Brass	Gold over Nickel over copper
Contact Spring		Tinned Copper
Insulation	Teflon	
Body	Brass	Tinned Copper
Coupling Nut	Brass	Tinned Copper
Gasket	Silicon	
Crimp Sleeve	Brass	Tinned Copper
Washer	Brass	Tinned Copper
		BNC3200B-0058-9/W

Mechanical Specification Notes:
RG303

Environmental Specifications

Temperature

Operating Range
Thermal Shock

-65 to 165 deg C
MIL-STD-202, Method 107, Condition B

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

SHV Plug Right Angle Connector Clamp/Solder Attachment for RG58, RG142, RG400, LMR-195, LMR-195-FR, LMR-195-UF, LMR-LW195, PE-C195, RG141 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

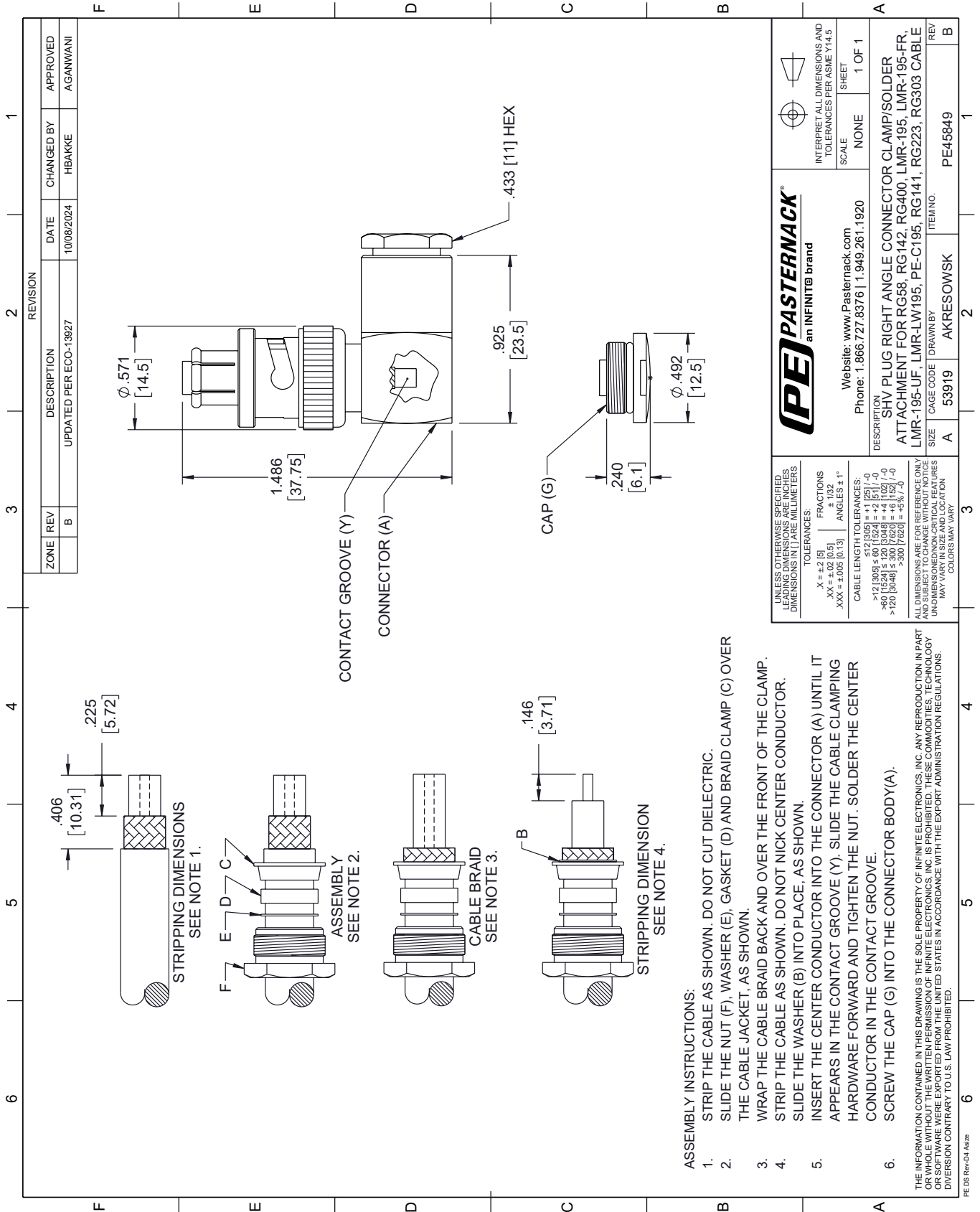
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SHV Plug Right Angle Connector Clamp/Solder Attachment for RG58, RG142, RG400, LMR-195, LMR-195-FR, LMR-195-UF, LMR-LW195, PE-C195, RG141 PE45849](#)

URL: <https://www.pasternack.com/shv-plug-rg58-rg142-rg400-connector-pe45849.html>

The information contained within 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 Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

PE45849 CAD Drawing

SHV Plug Right Angle Connector Clamp/Solder Attachment for RG58, RG142, RG400, LMR-195, LMR-195-FR, LMR-195-UF, LMR-LW195, PE-C195, RG141



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Website: www.Pasternack.com
 Phone: 1.866.727.8376 | 1.949.261.1920

INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE: NONE
SHEET: 1 OF 1

DESCRIPTION: SHV PLUG RIGHT ANGLE CONNECTOR CLAMP/SOLDER ATTACHMENT FOR RG58, RG142, RG400, LMR-195, LMR-195-FR, LMR-195-UF, LMR-LW195, PE-C195, RG141, RG223, RG303 CABLE

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	53919	AKRESOWSK	PE45849	B

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PE DS Rev-04 Add