



SHV Jack Connector Solder Attachment 4 Hole Flange
Mount Solder Cup Terminal, .500 inch Hole Spacing

RF Connectors
Technical Data Sheet

PE4501

Configuration

- SHV Jack Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: Solder Cup
- 4 Hole Flange

Features

- Max. Operating Frequency 300 MHz
- Good VSWR of 1.3:1
- Gold Plated Brass Contact
- 30 μ m minimum contact plating

Applications

- General Purpose Test
- Rack and Panel Mount Applications

Description

Pasternack's PE4501 SHV jack 4 hole flange mount connector with Solder Cup terminal (.500 inch hole spacing) is part of our full line of RF components available for same-day shipping. Our SHV jack connector operates up to a maximum frequency of 300 MHz and offers good VSWR of 1.3:1. This SHV 4 hole flange connector allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Our SHV jack 4 hole flange connector PE4501 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
VSWR			1.3:1	
Operating Voltage (AC)			3,500	Vrms
Impedance		50		Ohms

Mechanical Specifications

Size	
Length	1.78 in [45.21 mm]
Width	0.69 in [17.45 mm]
Height	0.69 in [17.45 mm]
Weight	0.04 lbs [15.88 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SHV Jack Connector Solder Attachment 4 Hole Flange Mount Solder Cup Terminal, .500 inch Hole Spacing PE4501](#)



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Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 µin minimum
Insulation	PTFE	
Body	Brass	Nickel 100 µin minimum

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

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

Plotted and Other Data

Notes:

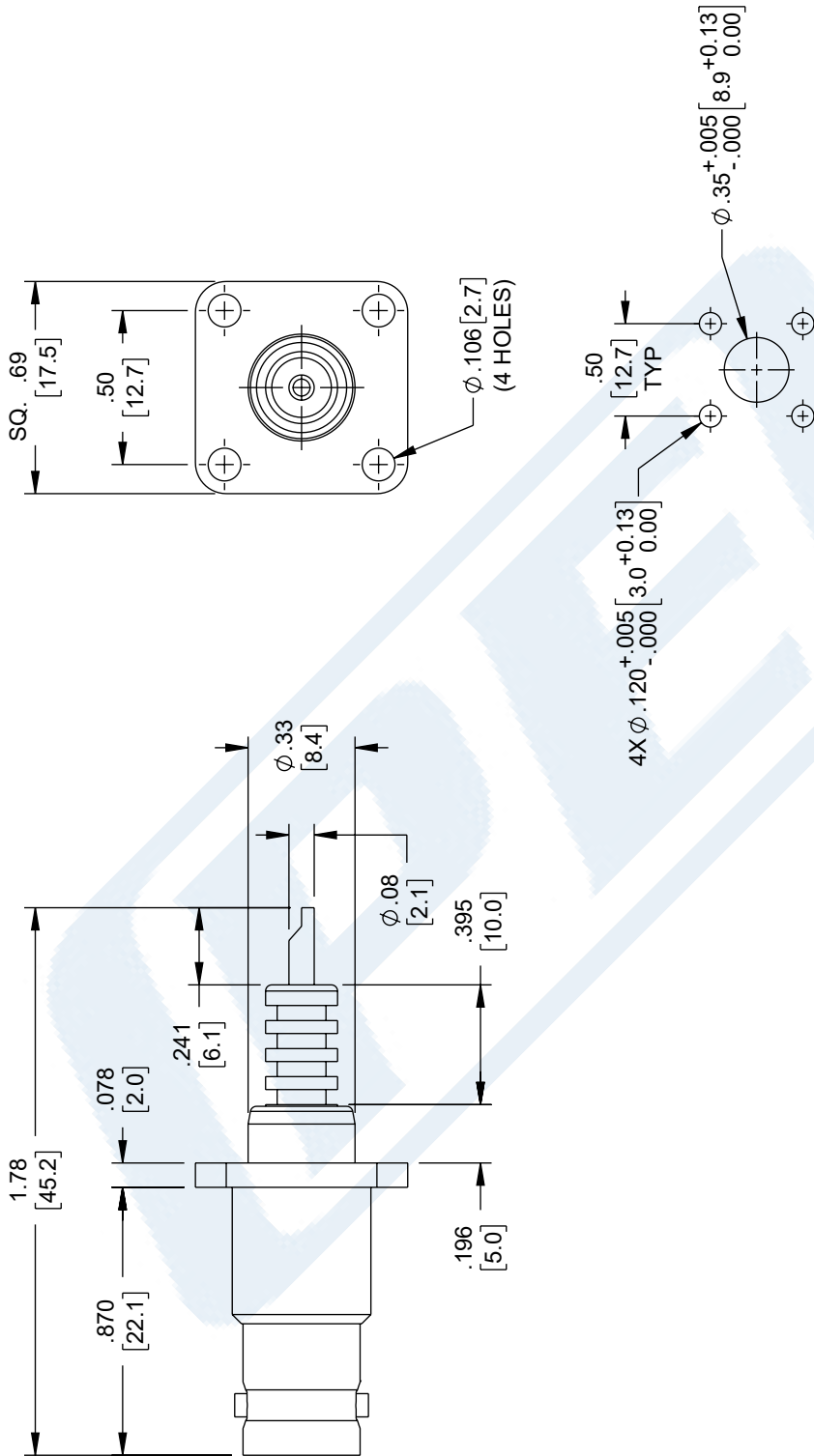
SHV Jack Connector Solder Attachment 4 Hole Flange Mount Solder Cup Terminal, .500 inch Hole Spacing from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection 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 Jack Connector Solder Attachment 4 Hole Flange Mount Solder Cup Terminal, .500 inch Hole Spacing PE4501](#)

URL: <https://www.pasternack.com/shv-jack-standard-solder-cup-terminal-connector-pe4501-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.

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RECOMMENDED
PATTERN MOUNTING HOLE

UNLESS OTHERWISE SPECIFIED
DIMENSIONS AND TOLERANCES
ARE IN INCHES
DIMENSIONS IN PARENTHESES
ARE IN MILLIMETERS

TOLERANCES:
X = ±.2 [5] FRACTIONS ± 1/32
XX = ±.02 [0.5] ANGLES ± 1°
XXX = ±.005 [0.13]
CABLE LENGTH TOLERANCES:
≤ 12 [305] = ±.1 [25] / 0
> 12 [305] ≤ 60 [1524] = ±.2 [5] / 0
> 60 [1524] ≤ 120 [3048] = ±.4 [102] / 0
> 120 [3048] ≤ 300 [7620] = ±.6 [152] / 0
> 300 [7620] = ±.8 [203] / 0

ALL DIMENSIONS ARE FOR REFERENCE ONLY
AND SUBJECT TO CHANGE WITHOUT NOTICE
UNLESS OTHERWISE SPECIFIED
DIMENSIONS AND TOLERANCES
ARE IN INCHES
DIMENSIONS IN PARENTHESES
ARE IN MILLIMETERS

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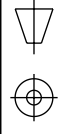
PE PASTERNAK
an INFINIT@ brand

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DESCRIPTION

SHV JACK CONNECTOR SOLDER ATTACHMENT 4 HOLE FLANGE
MOUNT SOLDER CUP TERMINAL, .500 INCH HOLE SPACING

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	53919	VTHANGARAJ	PE4501	B



INTERPRET ALL DIMENSIONS AND
TOLERANCES PER ASME Y14.5

SCALE
NONE

SHEET
1 OF 1