



## RP SMA Male Right Angle Connector Solder Attachment for PE-SR402AL, PE-SR402FL, RG402

### RF Connectors Technical Data Sheet

PE4790

#### Configuration

- SMA Male Reverse Polarity Connector
- MIL-STD-348
- 50 Ohms
- Right Angle Body Geometry
- PE-SR402AL, PE-SR402FL, RG402 Interface Type
- Solder/Solder Attachment
- 5/16 inch Hex

#### Features

- Gold Plated Contact
- Contact plating according to MIL-G-45204
- Reverse Polarity

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

Pasternack's PE4790 RP SMA male right angle connector with solder/solder attachment for PE-SR402AL, PE-SR402FL and RG402 is part of our full line of RF components available for same-day shipping. The male reverse polarity configuration uses a male connector body with a female inner contact receptacle. Its right angle body geometry allows for easier connections in tight spaces.

Our reverse polarity SMA male right angle connector PE4790 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.

#### Mechanical Specifications

Size	
Length	0.672 in [17.07 mm]
Width/Dia.	0.312 in [7.92 mm]
Height	0.44 in [11.18 mm]
Weight	0.013 lbs [5.9 g]
Mating Torque	8 to 10 in-lbs [0.90 to 1.13 Nm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [RP SMA Male Right Angle Connector Solder Attachment for PE-SR402AL, PE-SR402FL, RG402 PE4790](#)



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#### Material Specifications

Description	Material	Plating
Contact		Gold MIL-G-45204
Insulation	PTFE	
Body	Stainless Steel	Gold MIL-G-45204
Coupling Nut	Stainless Steel	Gold MIL-G-45204

#### Environmental Specifications

##### Temperature

Operating Range

-65 to +165 deg C

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

#### Plotted and Other Data

Notes:

RP SMA Male Right Angle Connector Solder Attachment for PE-SR402AL, PE-SR402FL, RG402 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

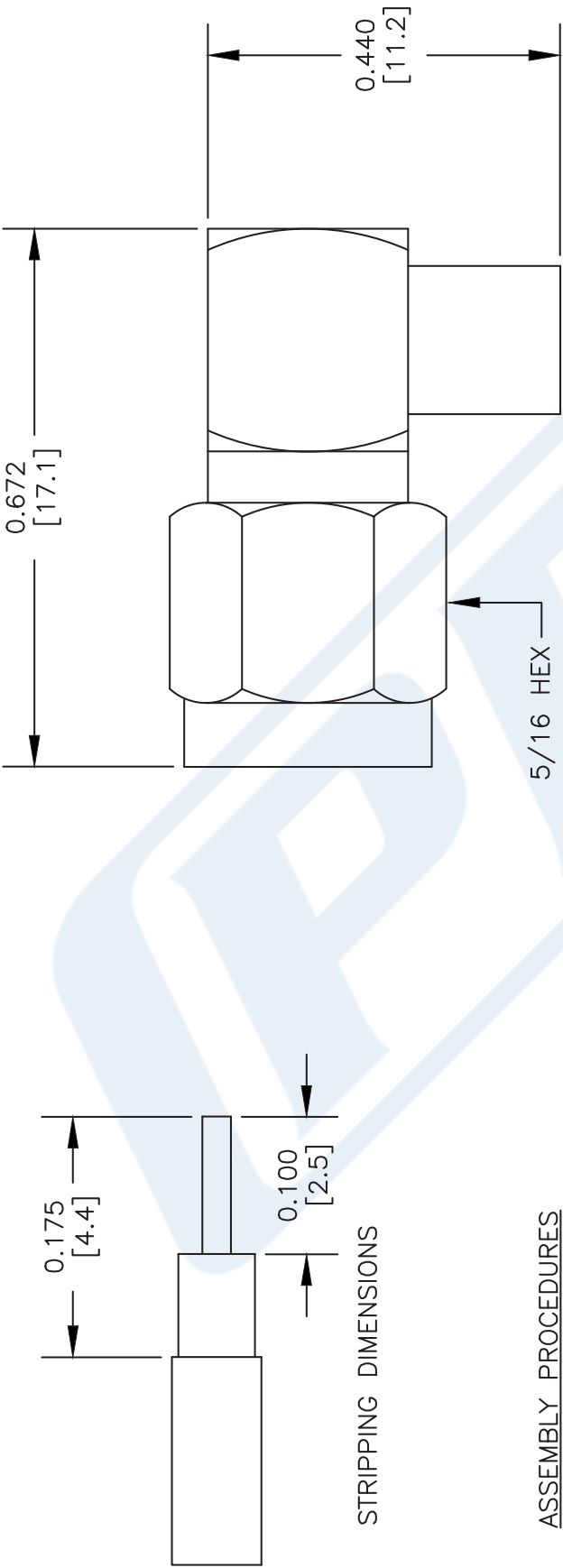
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URL: <https://www.pasternack.com/sma-male-reverse-polarity-pe-sr402al-pe-sr402fl-rg402-connector-pe4790-p.aspx>

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.

PE4790 CAD Drawing

RP SMA Male Right Angle Connector Solder Attachment  
for PE-SR402AL, PE-SR402FL, RG402



STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN & TIN CENTER CONDUCTOR.
2. INSERT CABLE INTO BODY UNTIL OUTER CONDUCTOR BOTTOMS ON WITH CONNECTOR SHOULDER, THE CENTER CONDUCTOR WILL PROTRUDE INTO CONTACT SLOT.
3. SOLDER CONTACT INTO SLOT, SOLDER OUTER CONDUCTOR TO BODY, PRESS DOWN CAP.

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		FSCM NO. 53919		CAD FILE 060702		SCALE N/A		SIZE A		XXX	
PE4790											

**PASTERNAK®**  
Pasternack Enterprises, Inc.  
P.O. Box 16759 | Irvine | CA | 92623  
Phone: (949) 261-1920 | Fax: (949) 261-7451  
Website: [www.pasternack.com](http://www.pasternack.com) | E-Mail: [sales@pasternack.com](mailto:sales@pasternack.com)