



## RP SMA Female Connector Solder Attachment For PE-SR402AL, PE-SR402FL, RG402

### TECHNICAL DATA SHEET

**PE4852**

#### RP SMA Female Connector Solder Attachment For PE-SR402AL, PE-SR402FL, RG402

##### Configuration

|                                          |                               |
|------------------------------------------|-------------------------------|
| Connector                                | SMA Female Reverse Polarity   |
| Connector Specification                  | MIL-STD-348                   |
| Connector Interface Type                 | PE-SR402AL, PE-SR402FL, RG402 |
| Cable Attachment Method (Shield/Contact) | Solder/Solder                 |
| Body Style                               | Straight                      |

##### Electrical Specifications

|                      |          |
|----------------------|----------|
| Frequency Range, GHz | DC to 18 |
| Impedance, Ohms      | 50       |
| Maximum VSWR         | 1.25:1   |

##### Mechanical Specifications

###### Size

|                     |               |
|---------------------|---------------|
| Length, in [mm]     | 0.498 [12.65] |
| Width/Dia., in [mm] | 0.25 [6.35]   |
| Weight, lbs [g]     | 0.006 [2.72]  |

###### Connector

|                               |                               |
|-------------------------------|-------------------------------|
| Type                          | SMA Female Reverse Polarity   |
| Contact Material and Plating  | Beryllium Copper, Gold        |
| Contact Plating Specification | MIL-G-45204, Type II, Class 2 |
| Body Material and Plating     | Stainless Steel, Gold         |
| Dielectric Type               | Teflon                        |

##### Compliance Certifications (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

|                |     |
|----------------|-----|
| RoHS Compliant | Yes |
|----------------|-----|

##### Plotted and Other Data

|        |                            |
|--------|----------------------------|
| Notes: | Values at 25 °C, sea level |
|--------|----------------------------|

RP SMA Female 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 fiber optic products maintain a 99% 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: [RP SMA Female Connector Solder Attachment For PE-SR402AL, PE-SR402FL, RG402 PE4852](http://www.pasternack.com/sma-female-reverse-polarity-pe-sr402al-pe-sr402fl-rg402-connector-pe4852-p.aspx)

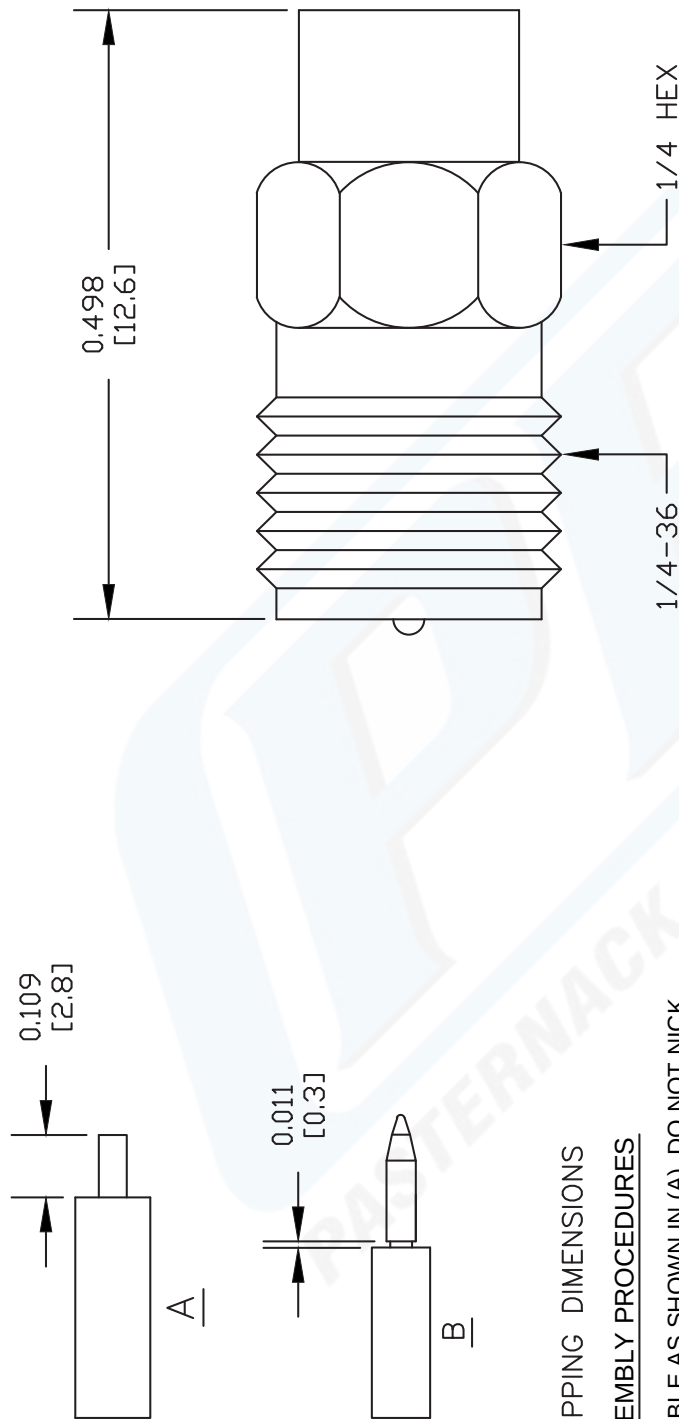
URL: <http://www.pasternack.com/sma-female-reverse-polarity-pe-sr402al-pe-sr402fl-rg402-connector-pe4852-p.aspx>

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.



# PE4852 CAD Drawing

RP SMA Female Connector Solder Attachment For PE-SR402AL, PE-SR402FL, RG402



## STRIPPING DIMENSIONS

## ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN IN (A). DO NOT NICK CENTER CONDUCTOR.
2. SHIM CONTACT AS SHOWN IN (B) & SOLDER CONTACT TO CENTER CONDUCTOR.
3. INSERT CABLE INTO BODY UNTIL OUTER CONDUCTOR IS FLUSH WITH BODY SHOULDER. SOLDER OUTER CONDUCTOR TO BODY.

DWG TITLE

**PE4852**

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.

FSCM NO. 53919

CAD FILE 061102

SCALE N/A

SIZE A

XXX

**PE PASTERNAK®**

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