

SMA Male Right Angle Connector Solder Attachment for PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN, RG402



RF Connectors Technical Data Sheet

PE44693

Configuration

- SMA Male Connector
- 50 Ohms
- Right Angle Body Geometry
- PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN, RG402 Interface Type
- Solder/Solder Attachment
- 5/16 inch Hex

Features

- Max. Operating Frequency 10 GHz
- Gold over Nickel Plated Brass Contact

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE44693 SMA male right angle connector with solder/solder attachment for PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN and RG402 is part of our full line of RF components available for same-day shipping. Our SMA male connector operates up to a maximum frequency of 10 GHz. Its right angle body geometry allows for easier connections in tight spaces.

Our SMA male right angle connector PE44693 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 | | 10 | GHz |

Mechanical Specifications

Size

| | |
|---------------|----------------------------------|
| Length | 0.598 in [15.19 mm] |
| Width/Dia. | 0.315 in [8.00 mm] |
| Height | 0.453 in [11.51 mm] |
| Weight | 0.0091 lbs [4.13 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: [SMA Male Right Angle Connector Solder Attachment for PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN, RG402 PE44693](#)

SMA Male Right Angle Connector Solder Attachment for PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN, RG402



RF Connectors Technical Data Sheet

PE44693

Material Specifications

| Description | Material | Plating |
|--------------|----------------------------|------------------|
| Contact | Brass | Gold over Nickel |
| Insulation | PTFE | |
| Body | Brass | Gold over Nickel |
| Coupling Nut | Passivated Stainless Steel | |

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

Plotted and Other Data

Notes:

SMA Male Right Angle Connector Solder Attachment for PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN, 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.

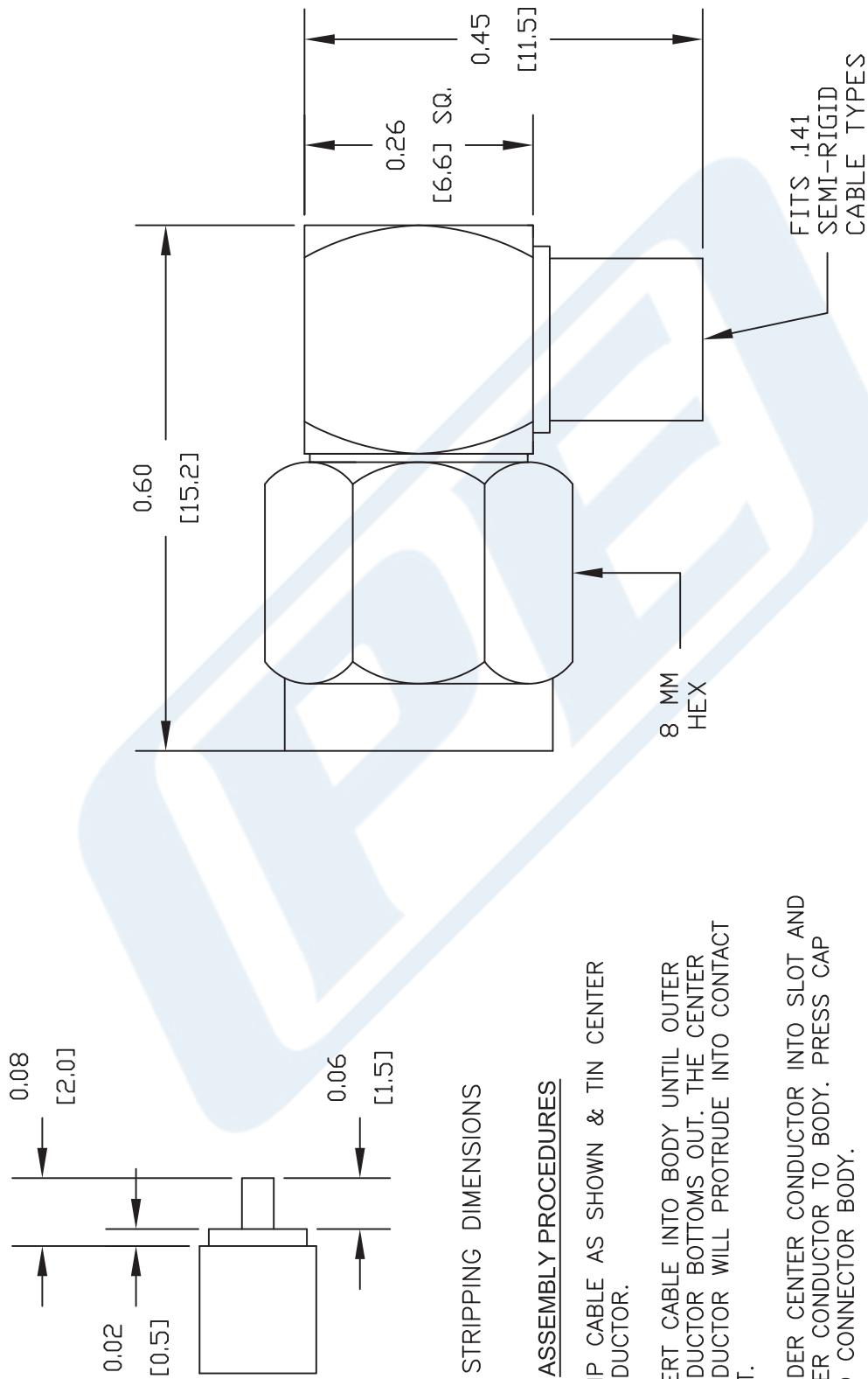
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URL: <https://www.pasternack.com/sma-male-standard-pe-sr402al-pe-sr402fl-pe-sr402flj-connector-pe44693-p.aspx>

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.

PE44693 CAD Drawing

SMA Male Right Angle Connector Solder Attachment for PE-SR402AL,
PE-SR402FL, PE-SR402FLJ, PE-SR402TN, RG402



| | | | | |
|---|-----------------------------|--|--------|-----------|
|  PASTERNACK ENTERPRISES, INC. P.O. BOX 16759, IRVINE, CA 92623 PHONE (949) 261-1920 FAX (949) 261-7451 WEB ADDRESS: www.pasternack.com E-MAIL ADDRESS: sales@pasternack.com | DWG TITLE PE44693 | 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. - | FSCM NO. 53919 | CAD FILE | 062111 | SCALE N/A |
| | | | | SIZE A |
| | | | | 2231 |

SMA Male Right Angle Connector Solder Attachment for PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN, RG402



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PE44693

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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male Right Angle Connector Solder Attachment for PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN, RG402 PE44693](#)

SMA Male Right Angle Connector Solder Attachment for PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN, RG402



RF Connectors Technical Data Sheet

PE44693

Material Specifications

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|--------------|----------------------------|------------------|
| Contact | Brass | Gold over Nickel |
| Insulation | PTFE | |
| Body | Brass | Gold over Nickel |
| Coupling Nut | Passivated Stainless Steel | |

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

Plotted and Other Data

Notes:

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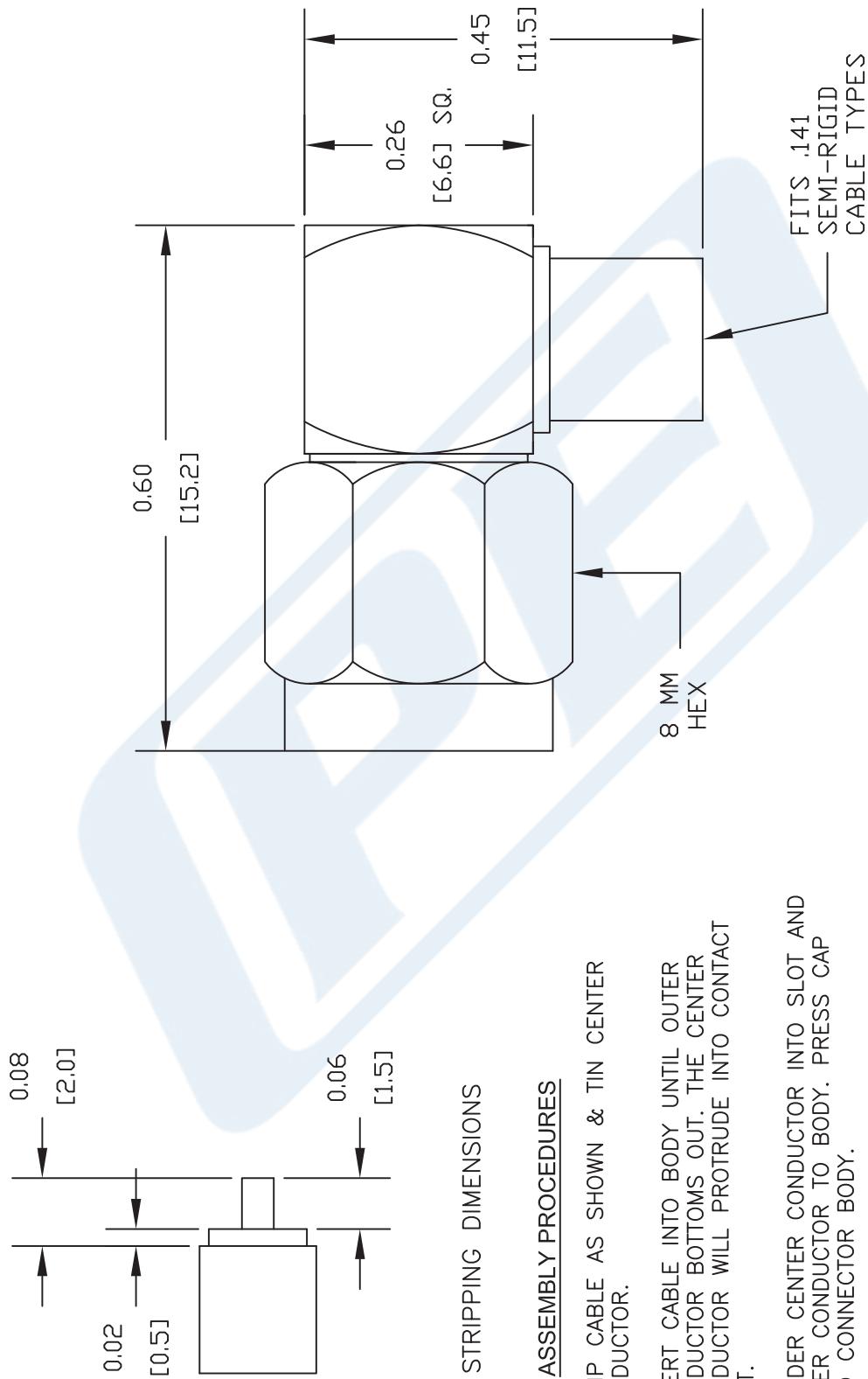
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male Right Angle Connector Solder Attachment for PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN, RG402 PE44693](#)

URL: <https://www.pasternack.com/sma-male-standard-pe-sr402al-pe-sr402fl-pe-sr402flj-connector-pe44693-p.aspx>

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PE44693 CAD Drawing

SMA Male Right Angle Connector Solder Attachment for PE-SR402AL,
PE-SR402FL, PE-SR402FLJ, PE-SR402TN, RG402



| | | | | |
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| REV. - | FSCM NO. 53919 | CAD FILE | 062111 | SCALE N/A |
| | | | | SIZE A |
| | | | | 2231 |

RG402 Coax Cable with Tinned Copper Outer Conductor

TECHNICAL DATA SHEET

PE-SR402TN

RG402 Tinned Coax Cable with Tinned Copper Outer Conductor

Configuration

| | |
|--------------------------------------|---------------------------|
| Cable Specification | MIL-C-17 |
| Inner Conductor Material and Plating | Copper Clad Steel, Silver |
| Dielectric Type | PTFE |
| Shield Materials | Tinned Copper |

Electrical Specifications

| | |
|----------------------------------|----|
| Impedance, Ohms | 50 |
| Maximum Operating Frequency, GHz | 36 |

Electrical Specifications by Frequency

Frequency 1

| | |
|---------------------------------|------------|
| Frequency, MHz | 1000 |
| Attenuation, dB/100ft [dB/100m] | 12 [39.37] |
| Power Handling, Watts | 450 |

Frequency 2

| | |
|---------------------------------|-------------|
| Frequency, GHz | 10 |
| Attenuation, dB/100ft [dB/100m] | 45 [147.64] |
| Power Handling, Watts | 120 |

Frequency 3

| | |
|---------------------------------|-------------|
| Frequency, GHz | 20 |
| Attenuation, dB/100ft [dB/100m] | 70 [229.66] |
| Power Handling, Watts | 70 |

Mechanical Specifications

Temperature

| | |
|------------------------|-------------|
| Operating Range, deg C | -55 to +125 |
|------------------------|-------------|

Inner Conductor

| | |
|-------------------|-------------------|
| Material | Copper Clad Steel |
| Plating | Silver |
| Diameter, in [mm] | 0.036 [0.91] |

Dielectric:

| | |
|-------------------|-----------|
| Type | PTFE |
| Diameter, in [mm] | 0.118 [3] |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [RG402 Tinned Coax Cable with Tinned Copper Outer Conductor PE-SR402TN](#)

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RG402 Coax Cable with Tinned Copper Outer Conductor

TECHNICAL DATA SHEET

PE-SR402TN

Shield:

| | |
|-------------------|---------------|
| Number of | 1 |
| Material | Tinned Copper |
| Diameter, in [mm] | 0.141 [3.58] |

Jacket:

| | |
|---------------------------------------|--------------|
| One Time Minimum Bend Radius, in [mm] | 1 [25.4] |
| Weight, lbs/ft [Kg/m] | 0.036 [0.05] |

Compliance Certifications (visit www.Pasternack.com for current document)

Plotted and Other Data

Notes: Values at 25 °C, sea level

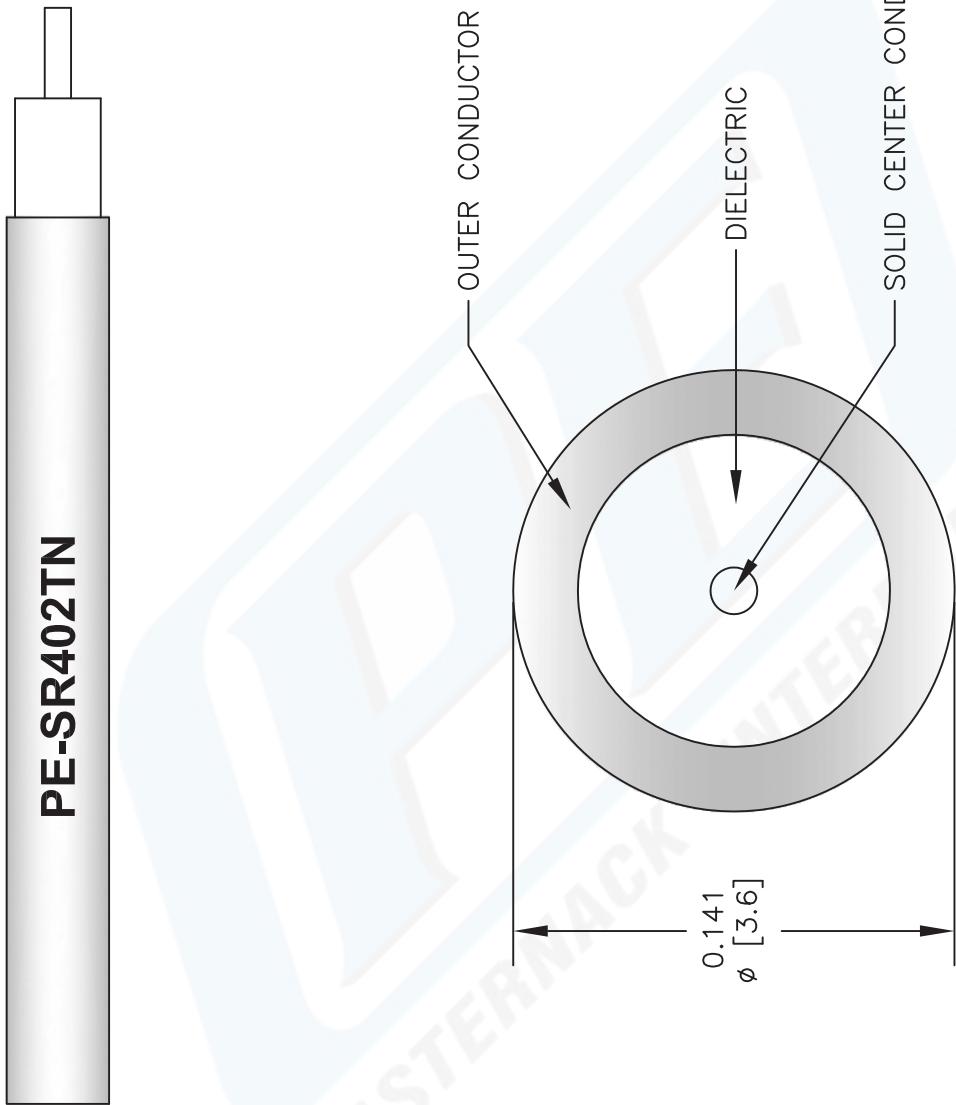
RG402 Coax Cable with Tinned Copper Outer Conductor from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [RG402 Tinned Coax Cable with Tinned Copper Outer Conductor PE-SR402TN](#)

URL: <http://www.pasternack.com/50-ohm-semi-rigid-rg402-tinned-copper-pe-sr402tn-p.aspx>

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PE-SR402TN CAD Drawing
RG402 Coax Cable with Tinned Copper Outer Conductor



| 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]. | | | |
| DWG TITLE | PE-SR402TN | CAD FILE | SCALE N/A |
| FSCM NO. | 53919 | 073113 | SIZE A |
| | | | 2233 |
| PE PASTERNACK® | Pasternack Enterprises, Inc. P.O. Box 16759 Irvine CA 92623 Phone: (949) 261-1920 Fax: (949) 261-7451 Website: www.pasternack.com E-Mail: sales@pasternack.com | | |