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# SMP Female Connector Solder Attachment For RG405, PE-SR405AL, PE-SR405FL, PE-SR405FLJ, Up To 8 GHz

## TECHNICAL DATA SHEET PE44770

**SMP Female Connector Solder Attachment For RG405, PE-SR405AL, PE-SR405FL, PE-SR405FLJ, Up To 8 GHz**

### Configuration

| | |
|---|---|
| Connector | SMP Female |
| Connector Specification | MIL-STD-348A |
| Connector Interface Type | RG405,PE-SR405AL,PE-SR405FL,PE-SR405FLJ |
| Cable Attachment Method (Shield/Contact) | Solder |
| Body Style | Straight |

### Electrical Specifications

| | |
|---|---|
| Frequency Range, GHz | DC to 8 |
| Impedance, Ohms | 50 |
| Maximum VSWR | 1.1:1 |

### Mechanical Specifications

**Temperature**

| | |
|---|---|
| Operating Range, deg C | -55 to +155 |

**Size**

| | |
|---|---|
| Length, in [mm] | 0.25 [6.35] |
| Width/Dia., in [mm] | 0.138 [3.51] |

**Connector**

| | |
|---|---|
| Type | SMP Female |
| Contact Material and Plating | Beryllium Copper, Gold |
| Contact Plating Specification | MIL-DTL-45204 |
| Body Material and Plating | Beryllium Copper, Gold |
| Body Plating Specification | MIL-DTL-45204 |
| Dielectric Type | PTFE |

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

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

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: SMP Female Connector Solder Attachment For RG405, PE-SR405AL, PE-SR405FL, PE-SR405FLJ, Up To 8 GHz PE44770

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 Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
**Phone:** (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
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### Plotted and Other Data

Notes: Values at 25 °C, sea level

SMP Female Connector Solder Attachment For RG405, PE-SR405AL, PE-SR405FL, PE-SR405FLJ, Up To 8 GHz 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.

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URL: http://www.pasternack.com/smp-female-standard-rg405-pe-sr405al-pe-sr405fl-pe-sr405flj-connector-pe44770-p.aspx

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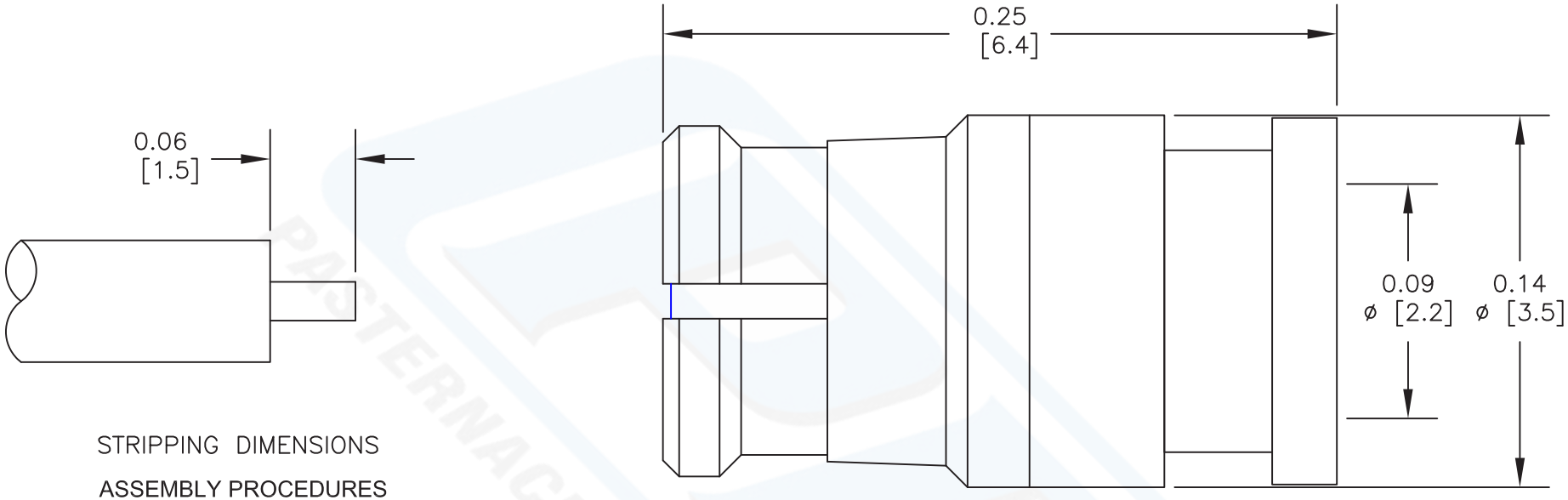
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# PE44770 CAD Drawing

SMP Female Connector Solder Attachment For RG405, PE-SR405AL, PE-SR405FL, PE-SR405FLJ, Up To 8 GHz




STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN. DO NOT NICK CENTER CONDUCTOR.
2. SOLDER CONTACT TO CENTER CONDUCTOR.
3. INSERT CABLE INTO BODY UNTIL IT BOTTOMS OUT. SOLDER OUTER CONDUCTOR TO BODY.

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DWG TITLE

**PE44770**

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 030813 | SCALE N/A | SIZE A | 2233 |
|---|---|---|---|---|