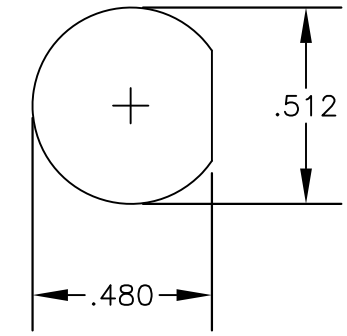
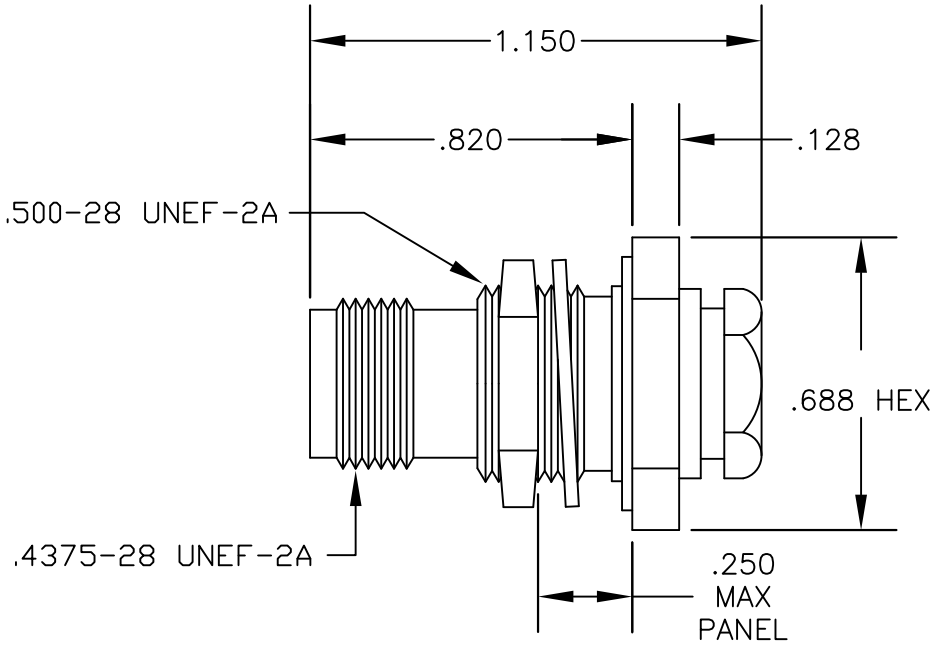
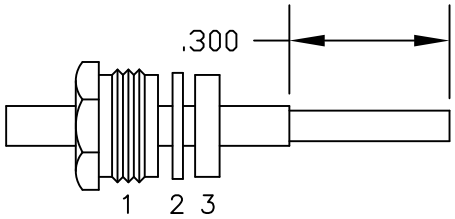
| MATERIALS | |
|---|---|
| BODY | BRASS NICKEL PLATED |
| CONTACT | GOLD PLATED |
| INSULATOR | PTFE |
| SOLDER ADAPTER | GOLD PLATED |

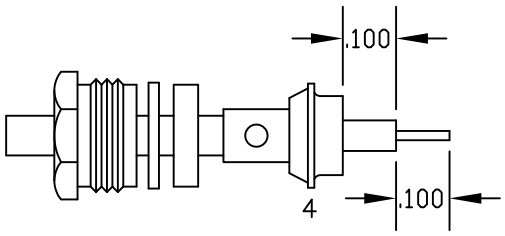



MOUNTING HOLE




ASSEMBLY (A)




ASSEMBLY (B)

ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1), WASHER (2) & GASKET (3) OVER CABLE. STRIP CABLE AS SHOWN IN ASSEMBLY (A). DO NOT CUT DIELECTRIC.
2. SLIDE ADAPTER (4) OVER CABLE UNTIL ADAPTER (4) BOTTOMS ON OUTER CONDUCTOR. SOLDER ADAPTER (4) TO OUTER CONDUCTOR USING MINIMUM HEAT.
3. STRIP CABLE AS SHOWN IN ASSEMBLY (B). SOLDER CONTACT TO CENTER CONDUCTOR. SLIDE ASSEMBLY FORWARD & TIGHTEN TO BODY.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ESTABLISHED 1972

PASTERNACK ENTERPRISES, INC.
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COAXIAL & FIBER OPTICS


| DWG TITLE | DES. |
|---|---|
| PE4149 | TNC FEMALE, BULKHEAD, SOLDER/CLAMP ATTACHMENT FOR RG405, PE-SR405AL & PE-SR405FL |

| REV. A | FSCM NO. 53919 | CAD FILE 042210 | SCALE N/A | SIZE A | 147 |
|---|---|---|---|---|---|

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.

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# SMP Male Push-On Connector Solder Attachment 2 Hole Flange Mount for RG405, PE-SR405FL, PE-SR405FLJ

RF Connectors Technical Data Sheet PE45127

## Configuration

- SMP Male Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- RG405, PE-SR405FL, PE-SR405FLJ Interface Type
- Solder/Solder Attachment
- 2 Hole Flange

## Electrical Specifications

| Description | Minimum | Typical | Maximum | Units |
|---|---|---|---|---|
| Frequency Range | DC | | 18 | GHz |
| VSWR | | | 1.3:1 | |
| Operating Voltage (AC) | | | 335 | Vrms |

## Mechanical Specifications

**Size**

| | |
|---|---|
| Length | 0.386 in [9.8 mm] |
| Width/Dia. | 0.189 in [4.80 mm] |
| Height | 0.492 in [12.5 mm] |
| Weight | 0.006 lbs [2.72 g] |

## Material Specifications

| Description | Material | Plating |
|---|---|---|
| Contact | Brass | Gold<br>30µ in. minimum |
| Insulation | Teflon | |
| Body | Brass | Gold<br>3µ in. minimum |

## Environmental Specifications

**Temperature**

| | |
|---|---|
| Operating Range | -65 to 165 deg C |

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

| | |
|---|---|
| RoHS Compliant | |
| REACH Compliant | 12/17/2014 |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMP Male Push-On Connector Solder Attachment 2 Hole Flange Mount for RG405, PE-SR-405FL, PE-SR405FLJ PE45127

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
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Sales@Pasternack.com • Techsupport@Pasternack.com

# SMP Male Push-On Connector Solder Attachment 2 Hole Flange Mount for RG405, PE-SR405FL, PE-SR405FLJ



## Plotted and Other Data

Notes:

SMP Male Push-On Connector Solder Attachment 2 Hole Flange Mount for RG405, PE-SR405FL, PE-SR405FLJ 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.

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: SMP Male Push-On Connector Solder Attachment 2 Hole Flange Mount for RG405, PE-SR405FL, PE-SR405FLJ PE45127

URL: http://www.pasternack.com/smp-male-push-on-rg405-pe-sr405fl-pe-sr405flj-connector-pe45127-p.aspx



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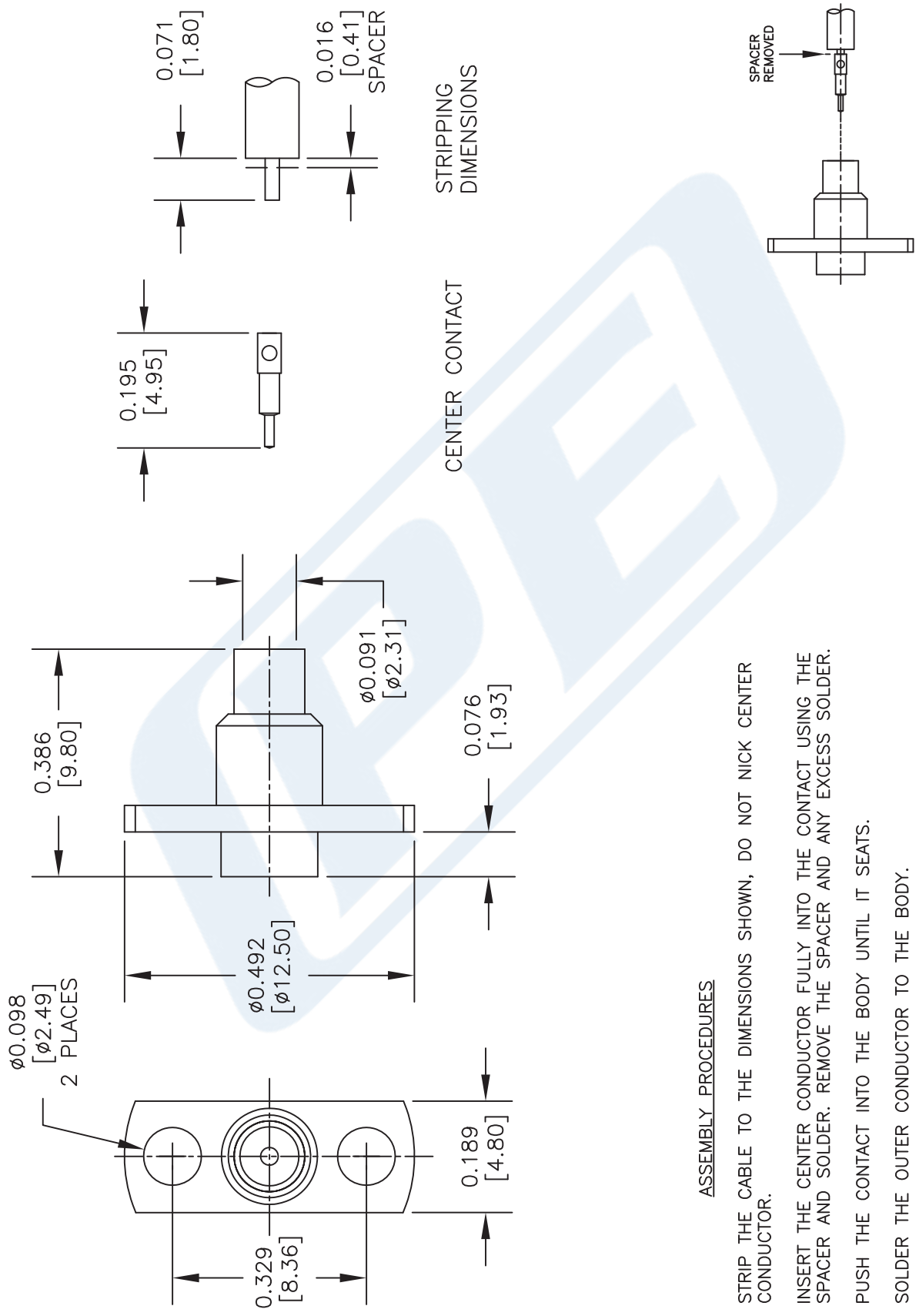
# PE45127 CAD Drawing

SMP Male Push-On Connector Solder Attachment 2 Hole Flange Mount for RG405, PE-SR405FL, PE-SR405FLJ




ASSEMBLY PROCEDURES

1. STRIP THE CABLE TO THE DIMENSIONS SHOWN, DO NOT NICK CENTER CONDUCTOR.
2. INSERT THE CENTER CONDUCTOR FULLY INTO THE CONTACT USING THE SPACER AND SOLDER. REMOVE THE SPACER AND ANY EXCESS SOLDER.
3. PUSH THE CONTACT INTO THE BODY UNTIL IT SEATS.
4. SOLDER THE OUTER CONDUCTOR TO THE BODY.

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].

| CAD FILE | 021115 | SCALE N/A | SIZE A | 200 |
|---|---|---|---|---|

DWG TITLE **PE45127**

FSCM NO. 53919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# RG405 Coax Cable with Tinned Copper Outer Conductor

RF Cables
Technical Data Sheet

PE-SR405TN

## Configuration

- Semi-Rigid Cable
- MIL-C-17
- 1 Shield(s)

### Electrical Specifications

| Description | Minimum | Typical | Maximum | Units |
|---|---|---|---|---|
| Frequency Range | DC | | 40 | GHz |
| Impedance | | 50 | | Ohms |

### Performance by Frequency Band

| Description | F1 | F2 | F3 | F4 | F5 | Units |
|---|---|---|---|---|---|---|
| Frequency | 1 | 10 | 20 | | | GHz |
| Attenuation, Typ | 22 | 80 | 120 | | | dB/100ft |
| | 72.18 | 262.47 | 393.7 | | | dB/100m |
| Input Power (CW), Max | 130 | 35 | 20 | | | Watts |

### Mechanical Specifications

Min. Bend Radius (Installation) 0.05 in [1.27 mm]

### Construction Specifications

| Description | Material and Plating | Diameter |
|---|---|---|
| Inner Conductor | Copper Clad Steel, Silver, 1 Strands | 0.02 in [0.51 mm] |
| Conductor Type | Solid | |
| Dielectric | PTFE | 0.066 in [1.68 mm] |
| First Shield | Tinned Copper | |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: RG405 Tinned Coax Cable with Tinned Copper Outer Conductor PE-SR405TN

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# RG405 Coax Cable with Tinned Copper Outer Conductor

## RF Cables
## Technical Data Sheet

PE-SR405TN

### Environmental Specifications

**Temperature**

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

**Compliance Certifications** (see product page for current document)

### Plotted and Other Data

Notes:

RG405 Coax Cable with Tinned Copper Outer Conductor 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: RG405 Tinned Coax Cable with Tinned Copper Outer Conductor PE-SR405TN

URL: https://www.pasternack.com/50-ohm-semi-rigid-rg405-tinned-tinned-copper-pe-sr405tn-p.aspx



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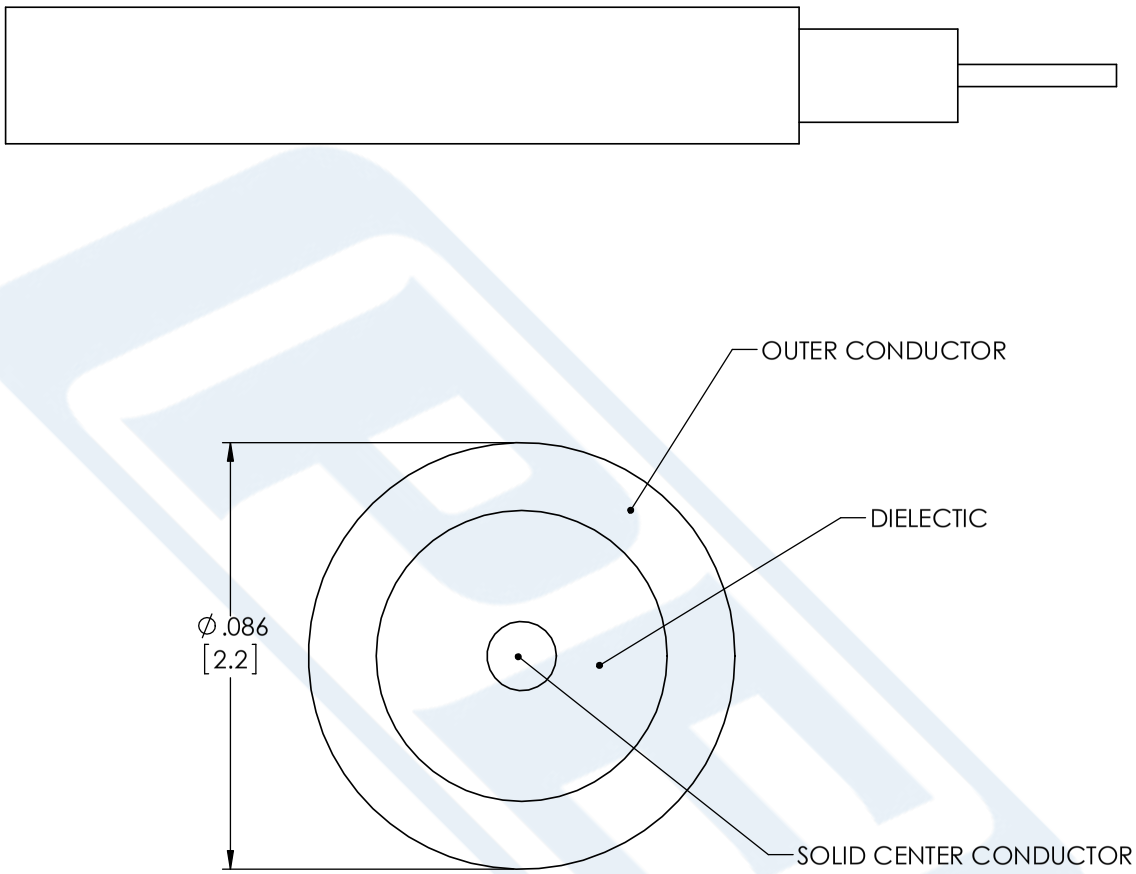
# PE-SR405TN CAD Drawing

RG405 Coax Cable with Tinned Copper Outer Conductor




| STANDARD TOLERANCES | |
|---|---|
| .X | ±0.2 |
| .XX | ±0.01 |
| .XXX | ±0.005 |

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

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**DWG TITLE**
PE-SR405TN

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| CAGE CODE 53919 | CAD FILE 11/28/17 | SCALE N/A | SIZE A | CN2245 |
|---|---|---|---|---|