



## SSMA Male Connector Solder (Without Contact) Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405

### RF Connectors Technical Data Sheet

**PE44382**

#### Configuration

- SSMA Male Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405 Interface Type
- Solder (Without Contact) Attachment
- 1/4 inch Hex

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

Pasternack's PE44382 SSMA male connector with solder (without contact) attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ and RG405 is part of our full line of RF components available for same-day shipping.

Our SSMA male connector PE44382 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	0.422 in [10.72 mm]
Width/Dia.	0.25 in [6.35 mm]
Weight	0.005 lbs [2.27 g]
Mating Torque	3 to 5 in-lbs [0.34 to 0.57 Nm]

##### Material Specifications

Description	Material	Plating
Insulation	PTFE	
Body	Brass	Gold MIL-G-45204
Coupling Nut	Brass	Nickel QQ-N-290

#### Environmental Specifications

##### Temperature

Operating Range	-65 to +165 deg C
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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: [SSMA Male Connector Solder \(Without Contact\) Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405 PE44382](#)



## SSMA Male Connector Solder (Without Contact) Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405

### RF Connectors Technical Data Sheet

PE44382

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

#### Plotted and Other Data

Notes:

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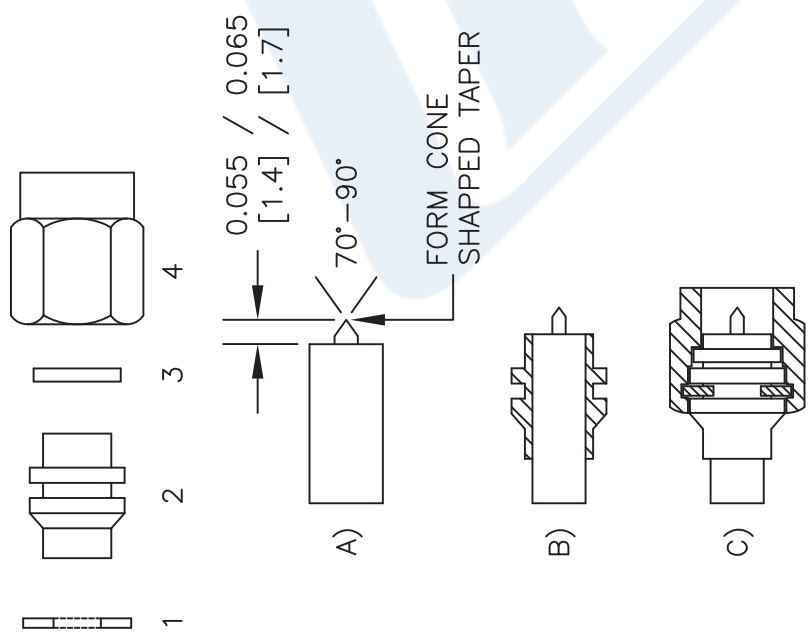
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URL: <https://www.pasternack.com/ssma-male-standard-pe-sr405al-pe-sr405fl-rg405-connector-pe44382-p.aspx>

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PE44382 CAD Drawing

SSMA Male Connector Solder (Without Contact) Attachment for  
PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405



STRIPPING DIMENSIONS  
ASSEMBLY PROCEDURES

- 1. STRIP CABLE AS SHOWN IN (A). DO NOT NICK CENTER CONDUCTOR.
- 2. INSERT CABLE INTO BODY (2) UNTIL OUTER CONDUCTOR FLUSH WITH BODY AS SHOWN IN (B). SOLDER OUTER CONDUCTOR TO BODY.
- 3. ASSEMBLE GASKET (3), RETAINING RING (1) AND COUPLING NUT (4). AS SHOWN IN (C).

**PASTERNAK®**  
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DWG TITLE  
**PE44382**

FSCM NO. 53919

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.

CAD FILE 092712-A

SCALE N/A

SIZE A

2233



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## SSMA Male Connector Solder (Without Contact) Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405

### RF Connectors Technical Data Sheet

PE44382

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

#### Plotted and Other Data

Notes:

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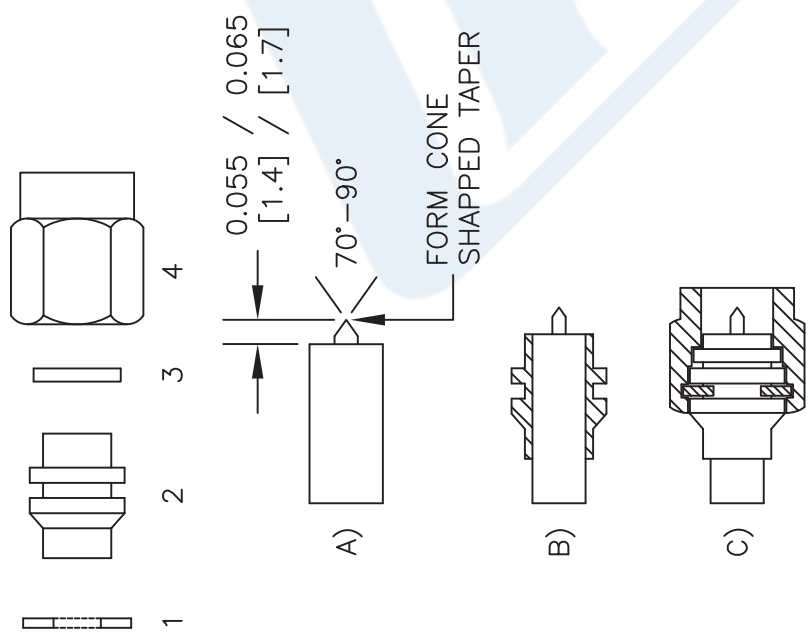
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URL: <https://www.pasternack.com/ssma-male-standard-pe-sr405al-pe-sr405fl-rg405-connector-pe44382-p.aspx>

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PE44382 CAD Drawing

SSMA Male Connector Solder (Without Contact) Attachment for  
PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405



STRIPPING DIMENSIONS  
ASSEMBLY PROCEDURES

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DWG TITLE  
**PE44382**

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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 092712-A  
SCALE N/A  
SIZE A  
2233



## RG405 Tinned Coax Cable with Tinned Copper Outer Conductor in Coiled Sections



### PE-SR405TN

#### Configuration

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

#### Features

- Cable Packaged in Coiled Sections

#### Applications

- General Purpose Test

#### Description

PE-SR405TN part number from Pasternack is a RG405 Tinned coax cable that is semi-rigid. Pasternack RG405 Tinned semi-rigid coax cable is 50 Ohm and has a PTFE dielectric. RG405 Tinned coax has a shield count of 1 and the maximum frequency for this Pasternack cable is 40 GHz. RG405 Tinned coax cable has an attenuation at 1 GHz of 22 dB.

Pasternack RG405 Tinned coax cables are part of over 40,000 RF, microwave and millimeter wave components. RG405 Tinned cables and our other RF parts are available for same day shipping worldwide. Custom RF cable assemblies using RG405 Tinned or other coax can be built and shipped same day as well.

#### 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

Weight	0.013 lbs/ft [0.02 kg/m]
Min. Bend Radius (Installation)	0.05 in [1.27 mm]

#### Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper Clad Steel, Silver, 1 Strand	0.02 in [0.51 mm]
Conductor Type	Solid	

## RG405 Tinned Coax Cable with Tinned Copper Outer Conductor in Coiled Sections



### PE-SR405TN

#### Construction Specifications

Description	Material and Plating	Diameter
Dielectric	PTFE	0.066 in [1.68 mm]
Outer Conductor	Tinned Copper	0.086 in [2.18 mm]

#### Environmental Specifications

##### Temperature

Operating Range -55 to +125 deg C

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

#### Plotted and Other Data

Notes:

RG405 Tinned Coax Cable with Tinned Copper Outer Conductor in Coiled Sections 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 in Coiled Sections PE-SR405TN](#)

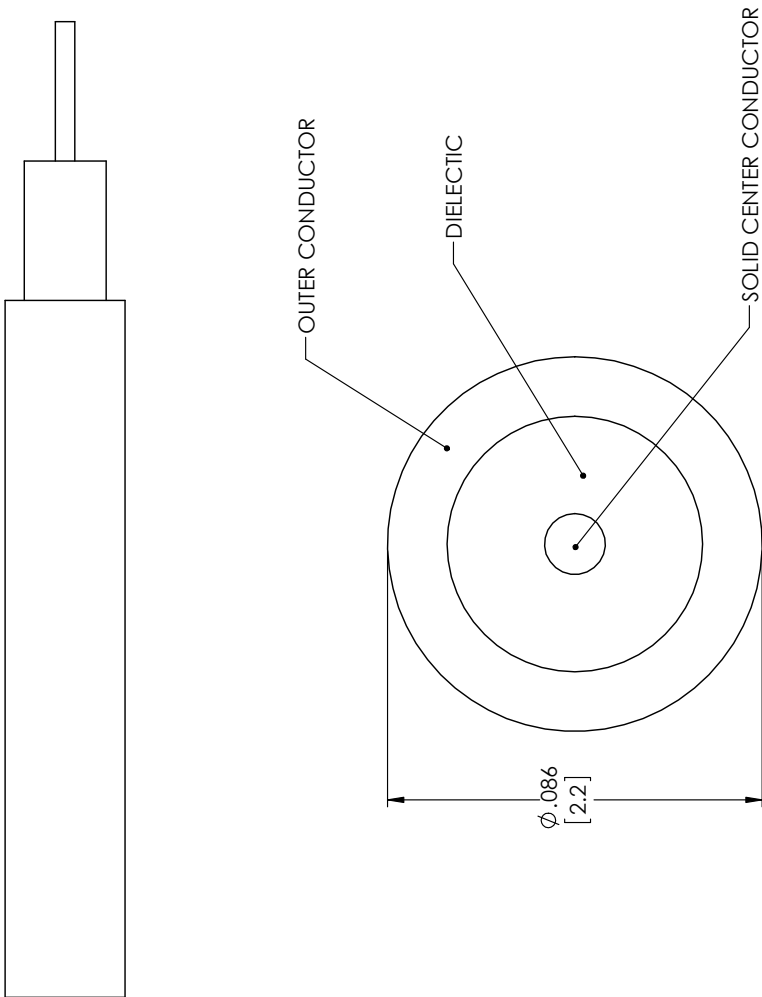
URL: <https://www.pasternack.com/50-ohm-semi-rigid-rg405-tinned-tinned-copper-pe-sr405tn-p.aspx>

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## RG405 Tinned Coax Cable with Tinned Copper Outer Conductor in Coiled Sections

## RG405 Tinned Coax Cable with Tinned Copper Outer Conductor in Coiled Sections



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

STANDARD TOLERANCES APPLY  
ONLY TO DIMENSIONS IN INCHES

<div><div><div><div><div></div><div><b>PE</b></div></div><div><div><b>PASTERNAK®</b></div><div>THE ENGINEER'S REF SOURCE</div></div></div><div><div>Pasternack Enterprises, Inc.</div><div>P.O. Box 16759   Irvine   CA   92623</div><div><div>Phone: (949) 261-1920   Fax: (949) 261-7451</div><div>Website: <a href="http://www.pasternack.com">www.pasternack.com</a>   E-Mail: <a href="mailto:sales@pasternack.com">sales@pasternack.com</a></div></div></div></div></div>	DWG TITLE	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).							
	PE-SR405TN	CAGE CODE	53919	CAD FILE	11/28/17	SCALE	N/A	SIZE	A