



2.92mm Female Connector Solder/Non-Solder Contact Attachment 4 Hole Flange Mount for RG405, PE-SR405FL

RF Connectors Technical Data Sheet

PE44904

Configuration

- 2.92mm Female Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG405, PE-SR405FL
- 4 Hole Flange

Features

- Max. Operating Frequency 40 GHz
- Excellent VSWR of 1.2:1
- Gold Plated Beryllium Copper Contact
- 50 μ in. minimum contact plating

Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies

Description

Pasternack's PE44904 2.92mm female 4 hole flange mount connector with solder/non-solder contact attachment for RG405 and PE-SR405FL is part of our full line of RF components available for same-day shipping. Our 2.92mm female connector operates up to a maximum frequency of 40 GHz and offers excellent VSWR of 1.2:1. This 2.92mm 4 hole flange connector allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Our 2.92mm female 4 hole flange connector PE44904 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		40	GHz
VSWR			1.2:1	
Dielectric Withstanding Voltage (AC)			500	Vrms

Mechanical Specifications

Size	
Length	0.545 in [13.84 mm]
Width/Dia.	0.5 in [12.70 mm]
Weight	0.0129 lbs [5.85 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [2.92mm Female Connector Solder/Non-Solder Contact Attachment 4 Hole Flange Mount for RG405, PE-SR405FL PE44904](#)



2.92mm Female Connector Solder/Non-Solder Contact
Attachment 4 Hole Flange Mount for RG405, PE-SR405FL

RF Connectors
Technical Data Sheet

PE44904

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 50μ in. minimum
Insulation	ULTEM	
Outer Conductor	Passivated Stainless Steel	
Body	Stainless Steel	Gold 50μ in. minimum

Environmental Specifications

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

Plotted and Other Data

Notes:

2.92mm Female Connector Solder/Non-Solder Contact Attachment 4 Hole Flange Mount for RG405, PE-SR405FL 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.

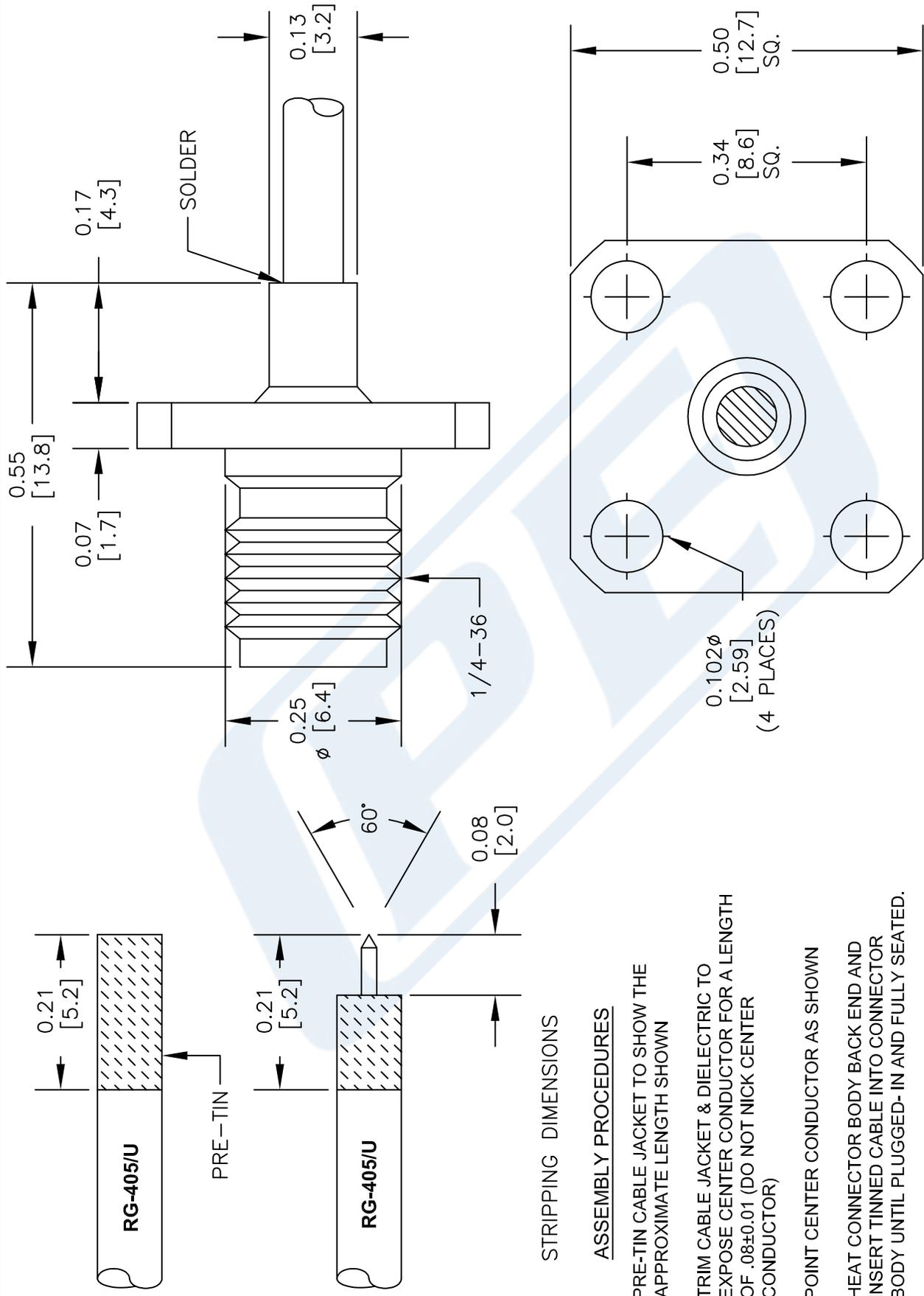
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URL: <https://www.pasternack.com/2.92mm-female-rg405-pe-sr405fl-connector-pe44904-p.aspx>

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PE44904 CAD Drawing

2.92mm Female Connector Solder/Non-Solder Contact Attachment
4 Hole Flange Mount for RG405, PE-SR405FL



STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. PRE-TIN CABLE JACKET TO SHOW THE APPROXIMATE LENGTH SHOWN
2. TRIM CABLE JACKET & DIELECTRIC TO EXPOSE CENTER CONDUCTOR FOR A LENGTH OF .08±0.01 (DO NOT NICK CENTER CONDUCTOR)
3. POINT CENTER CONDUCTOR AS SHOWN
4. HEAT CONNECTOR BODY BACK END AND INSERT TINNED CABLE INTO CONNECTOR BODY UNTIL PLUGGED-IN AND FULLY SEATED.
5. FLOW ADDITIONAL SOLDER WHERE INDICATED IF NECESSARY.

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.

DWG TITLE
PE44904

PE PASTERNAK®
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FSCM NO. 53919

CAD FILE 102413 SCALE N/A SIZE A 150



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RF Connectors Technical Data Sheet

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Attachment 4 Hole Flange Mount for RG405, PE-SR405FL

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Material Specifications

Description	Material	Plating
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Insulation	ULTEM	
Outer Conductor	Passivated Stainless Steel	
Body	Stainless Steel	Gold 50μ in. minimum

Environmental Specifications

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

Plotted and Other Data

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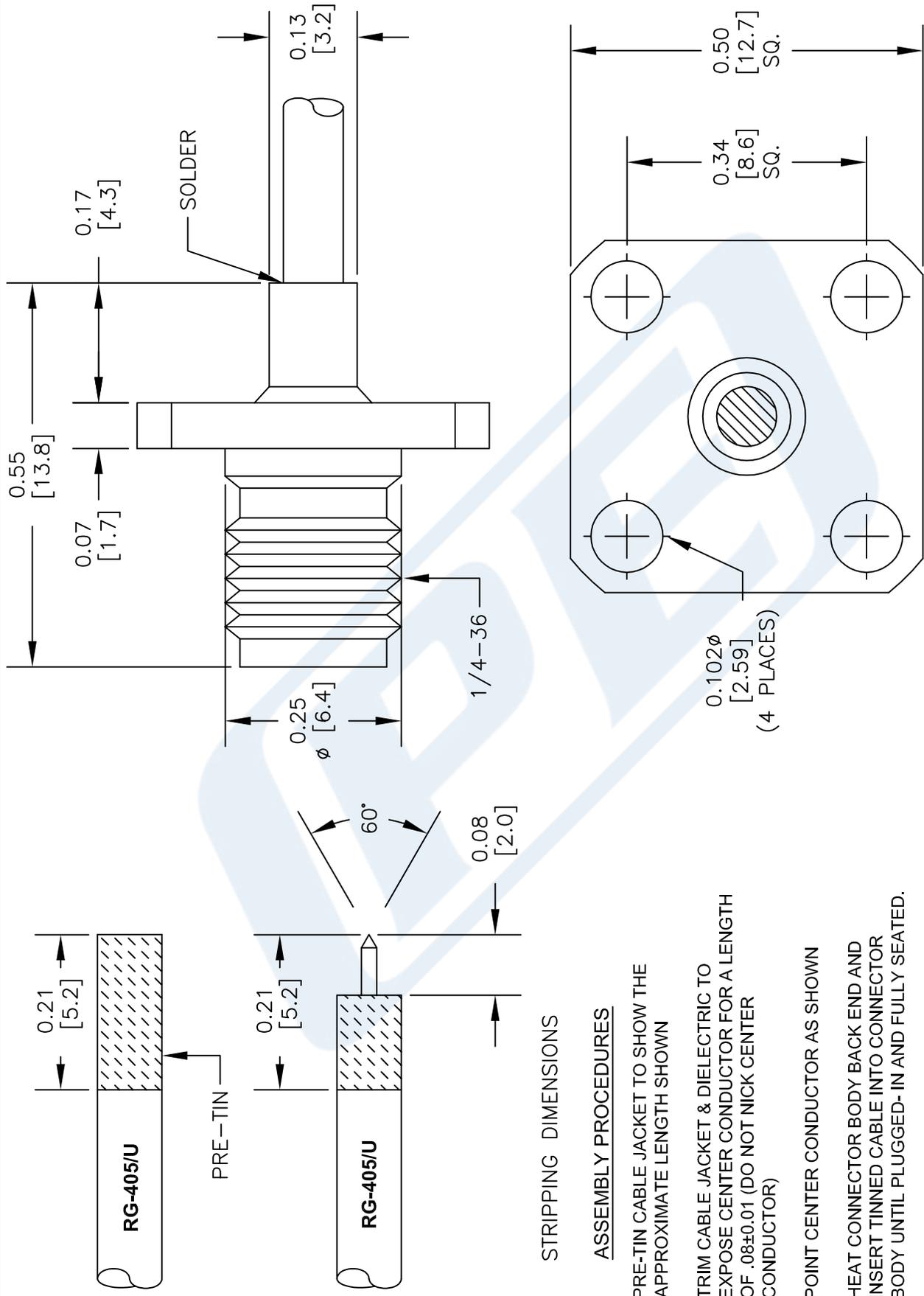
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PE44904 CAD Drawing

2.92mm Female Connector Solder/Non-Solder Contact Attachment
4 Hole Flange Mount for RG405, PE-SR405FL



STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. PRE-TIN CABLE JACKET TO SHOW THE APPROXIMATE LENGTH SHOWN
2. TRIM CABLE JACKET & DIELECTRIC TO EXPOSE CENTER CONDUCTOR FOR A LENGTH OF .08±0.01 (DO NOT NICK CENTER CONDUCTOR)
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4. FITS MIL-C-17 AND EQUIVALENT CABLES.

DWG TITLE
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FSCM NO. 53919

CAD FILE 102413 SCALE N/A SIZE A 150

RG405 Tinned 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 Strand	0.02 in 0.51 mm
Conductor Type	Solid	
Dielectric	PTFE	0.066 in [1.68 mm]
First Shield	Tinned Copper	0.087 in 2.21 mm

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](#)

RG405 Tinned 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 Tinned 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.

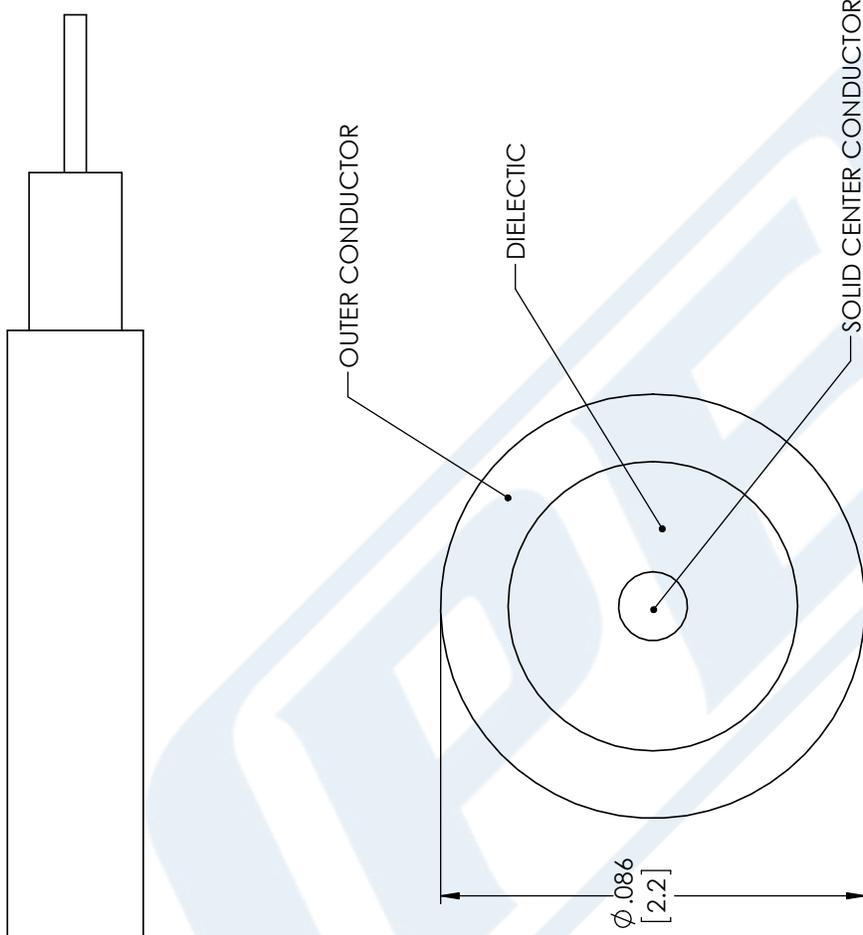
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [RG405 Tinned Coax Cable with Tinned Copper Outer Conductor PE-SR405TN](#)

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 Tinned 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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CAGE CODE 53919

CAD FILE 11/28/17

SCALE N/A

SIZE A

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