



## D-Sub Receptacle Contact Solder Attachment For PE-SR402AL, PE-SR402FL, RG402

### TECHNICAL DATA SHEET

**PE4839**

#### D-Sub Receptacle Contact Solder Attachment For PE-SR402AL, PE-SR402FL, RG402

##### Configuration

Connector	D-Sub Receptacle
Connector Interface Type	PE-SR402AL,PE-SR402FL,RG402
Cable Attachment Method (Shield/Contact)	Solder/Solder
Body Style	Straight

##### Electrical Specifications

Impedance, Ohms	50
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##### Mechanical Specifications

Size	
Length, in [mm]	0.875 [22.23]
Width/Dia., in [mm]	0.22 [5.59]
Weight, lbs [g]	0.006 [2.72]

##### Connector

Type	D-Sub Receptacle
Contact Material and Plating	Gold
Body Material and Plating	Brass, Gold
Dielectric Type	PTFE

##### Compliance Certifications

RoHS Compliant	Yes
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##### Plotted and Other Data

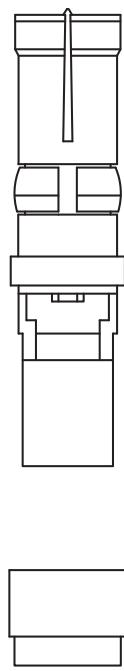
Notes:	Values at 25 °C, sea level
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D-Sub Receptacle Contact Solder Attachment For PE-SR402AL, PE-SR402FL, RG402 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain 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: [D-Sub Receptacle Contact Solder Attachment For PE-SR402AL, PE-SR402FL, RG402 PE4839](#)

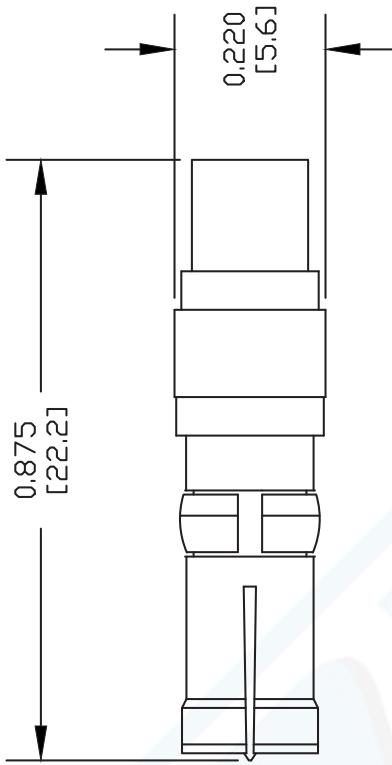
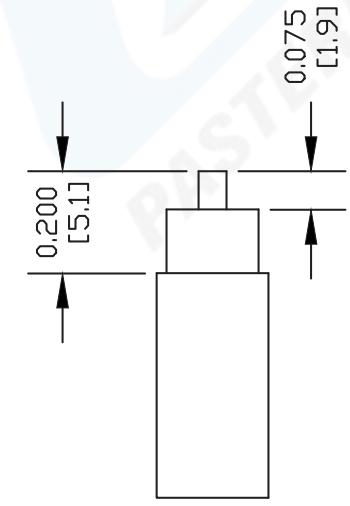
URL: <http://www.pasternack.com/d-sub-receptacle-standard-pe-sr402al-pe-sr402fl-rg402-connector-pe4839-p.aspx>

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.



1

2



STRIPPING DIMENSIONS  
ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN & TIN CENTER CONDUCTOR. SLIDE FERRULE (1) ONTO CABLE.
2. INSERT CABLE INTO BODY UNTIL IT SEATS IN PLACE, SOLDER CONTACT TO CENTER CONDUCTOR.
3. SOLDER BODY TO OUTER CONDUCTOR THROUGH HOLE, SLIDE FERRULE FORWARD & SOLDER TO BODY.

<b>PASTERNAK®</b> Pasternack Enterprises, Inc. P.O. Box 16759   Irvine   CA   92623 Phone: (949) 261-1920   Fax: (949) 261-7451 Website: <a href="http://www.pastermack.com">www.pastermack.com</a>   E-Mail: <a href="mailto:sales@pastermack.com">sales@pastermack.com</a>	<b>DWG TITLE</b> <b>PE4839</b>	<b>FSCM NO.</b> 53919	CAD FILE	061002	SCALE	N/A	SIZE	A	127
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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.



**N Male Connector Clamp/Solder Attachment  
For PE-SR402AL, PE-SR402FL, RG402**

**TECHNICAL DATA SHEET**

**PE4006**

**Configuration**

Connector	N Male
Connector Interface Type	PE-SR402AL,PE-SR402FL,RG402
Attachment Method (Shield/Contact)	Clamp/Solder
Body Style	Straight

**Electrical Specifications**

Frequency Range, GHz	DC to 4
Impedance, Ohms	50
Maximum VSWR	1.5:1

**Mechanical Specifications**

<b>Size</b>	
Length, in [mm]	1.36 [34.54]
Width/Dia., in [mm]	0.8 [20.32]
Weight, lbs [g]	0.082 [37.19]

**Connector**

Type	N Male
Contact Material and Plating	Brass, Gold
Contact Plating Specification	30 $\mu$ in. minimum
Coupling Nut Material and Plating	Brass, Nickel
Coupling Nut Plating Specification	100 $\mu$ in. minimum
Body Material and Plating	Brass, Nickel
Body Plating Specification	100 $\mu$ in. minimum
Dielectric Type	Teflon

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Connector Clamp/Solder Attachment For PE-SR402AL, PE-SR402FL, RG402 PE4006](#)



## N Male Connector Clamp/Solder Attachment For PE-SR402AL, PE-SR402FL, RG402

### TECHNICAL DATA SHEET

PE4006

#### Plotted and Other Data

Notes:

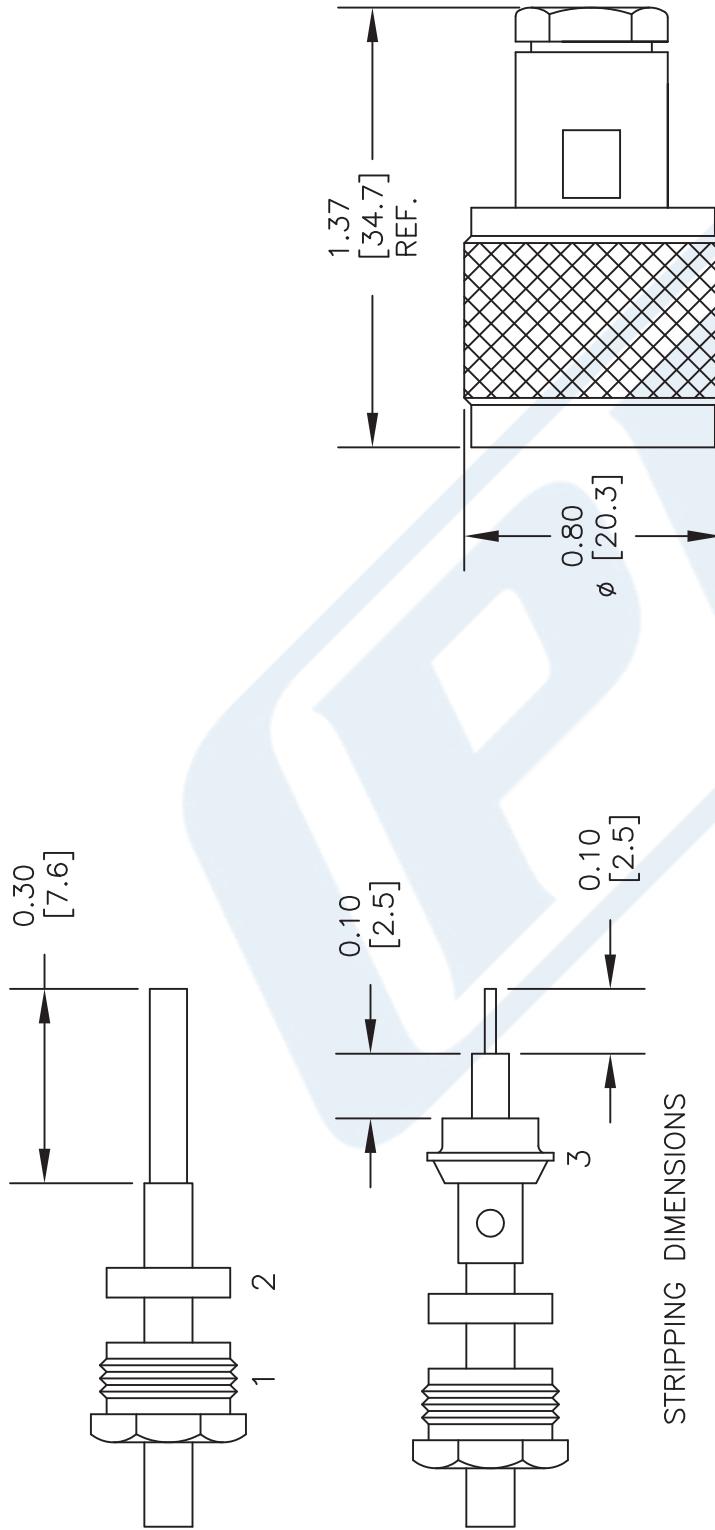
- Values at +25 °C, sea level

N Male Connector Clamp/Solder Attachment For PE-SR402AL, PE-SR402FL, 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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Connector Clamp/Solder Attachment For PE-SR402AL, PE-SR402FL, RG402 PE4006](#)

URL: <http://www.pasternack.com/n-male-standard-pe-sr402al-pe-sr402fl-rg402-connector-pe4006-p.aspx>

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#### ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1) & GASKET (2) OVER CABLE. STRIP CABLE AS SHOWN IN ASSEMBLY (A). DO NOT CUT DIELECTRIC.
2. SLIDE ADAPTER (3) OVER CABLE UNTIL ADAPTER (3) BOTTOMS ON OUTER CONDUCTOR. SOLDER ADAPTER (3) 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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DWG TITLE  
**PE4006**

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FSCM NO.	CAD FILE	SCALE	SIZE	REV
53919	042109	N/A	A	127

## 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
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###### 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](http://www.Pasternack.com) for current document)

**Plotted and Other Data**

Notes: Values at 25 °C, sea level

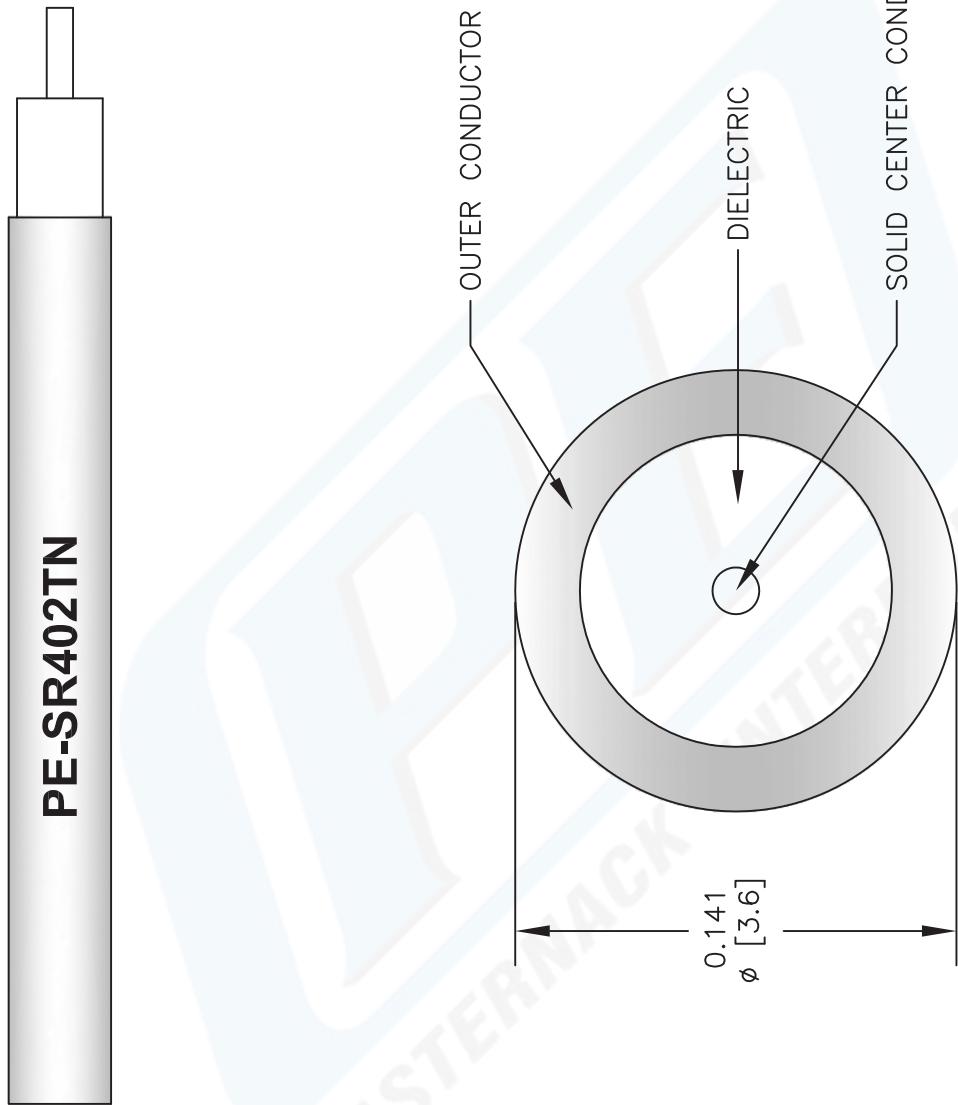
RG402 Coax Cable with Tinned Copper Outer Conductor from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

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



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DWG TITLE	PE-SR402TN	CAD FILE	SCALE N/A
FSCM NO.	53919	073113	SIZE A
			2233

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