



3.5mm Female Connector Clamp/Solder Attachment for PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN, RG402

RF Connectors Technical Data Sheet

PE45011

Configuration

- 3.5mm Female Connector
- 50 Ohms
- Straight Body Geometry
- PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN, RG402 Interface Type
- Clamp/Solder Attachment

Features

- Gold over Nickel Plated Beryllium Copper Contact
- 50 µin minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE45011 3.5mm female connector with clamp/solder attachment for PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN and RG402 is part of our full line of RF components available for same-day shipping.

Our 3.5mm female connector PE45011 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	0.862 in [21.89 mm]
Width/Dia.	0.351 in [8.92 mm]
Weight	0.012 lbs [5.44 g]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold over Nickel 50 µin minimum
Insulation	PCTFE	
Body	Passivated Stainless Steel	SAE-AMS-2700

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [3.5mm Female Connector Clamp/Solder Attachment for PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN, RG402 PE45011](#)



3.5mm Female Connector Clamp/Solder Attachment for PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN, RG402

RF Connectors Technical Data Sheet

PE45011

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

Plotted and Other Data

Notes:

3.5mm Female Connector Clamp/Solder Attachment for PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN, 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.

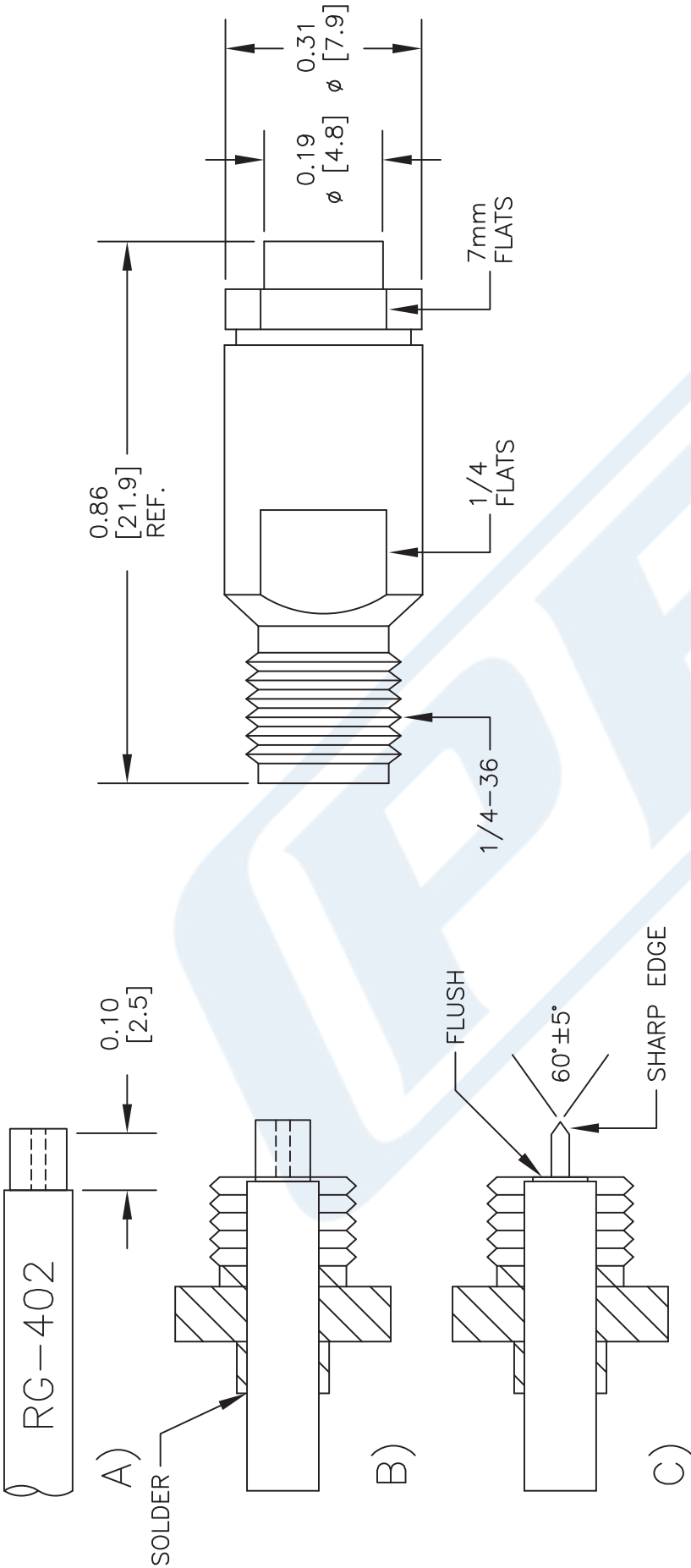
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [3.5mm Female Connector Clamp/Solder Attachment for PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN, RG402 PE45011](#)

URL: <https://www.pasternack.com/3.5mm-female-standard-rg402-u-pe-sr402fl-connector-pe45011-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. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PE45011 CAD Drawing

3.5mm Female Connector Clamp/Solder Attachment for PE-SR402AL,
PE-SR402FL, PE-SR402FLJ, PE-SR402TN, RG402



ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN IN (A). DO NOT NICK CENTER DIELECTRIC.
2. INSERT CABLE THROUGH CLAMP NUT AS SHOWN IN (B). SOLDER OUTER CONDUCTOR TO CLAMP NUT.
3. TRIM CABLE DIELECTRIC FLUSH FACE OF CLAMP AS SHOWN IN (C). POINT CABLE CENTER CONDUCTOR AS SHOWN IN (C)
4. SCREW ASSEMBLY INTO BODY & TIGHTEN (25-30 IN-LBS).

DWG TITLE

PE45011

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 PASTERNAK®
THE ENGINEER'S RF SOURCE
Pasternack Enterprises, Inc.
P.O. Box 16759 | Irvine | CA | 92623
Phone: (949) 261-1920 | Fax: (949) 261-7451
Website: www.pasternack.com | E-Mail: sales@pasternack.com

FSCM NO. 53919

CAD FILE

031414

SCALE N/A

SIZE A

150



BNC Female Connector Clamp/Solder Attachment For PE-SR402AL, PE-SR402FL, RG402

RF Connectors Technical Data Sheet

PE4204

Configuration

- BNC Female Connector
- 50 Ohms
- Straight Body Geometry
- PE-SR402AL, PE-SR402FL, RG402 Interface Type
- Clamp/Solder Attachment

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4204 BNC female connector with clamp/solder attachment for PE-SR402AL, PE-SR402FL and RG402 is part of our full line of RF components available for same-day shipping.

Our BNC female connector PE4204 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

Weight 0.041 lbs [18.6 g]

Material Specifications

Description	Material	Plating
Body	Brass	Nickel

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Female Connector Clamp/Solder Attachment For PE-SR402AL, PE-SR402FL, RG402 PE4204](#)



BNC Female Connector Clamp/Solder Attachment For PE-SR402AL, PE-SR402FL, RG402

RF Connectors Technical Data Sheet

PE4204

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

Plotted and Other Data

Notes:

BNC Female 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.

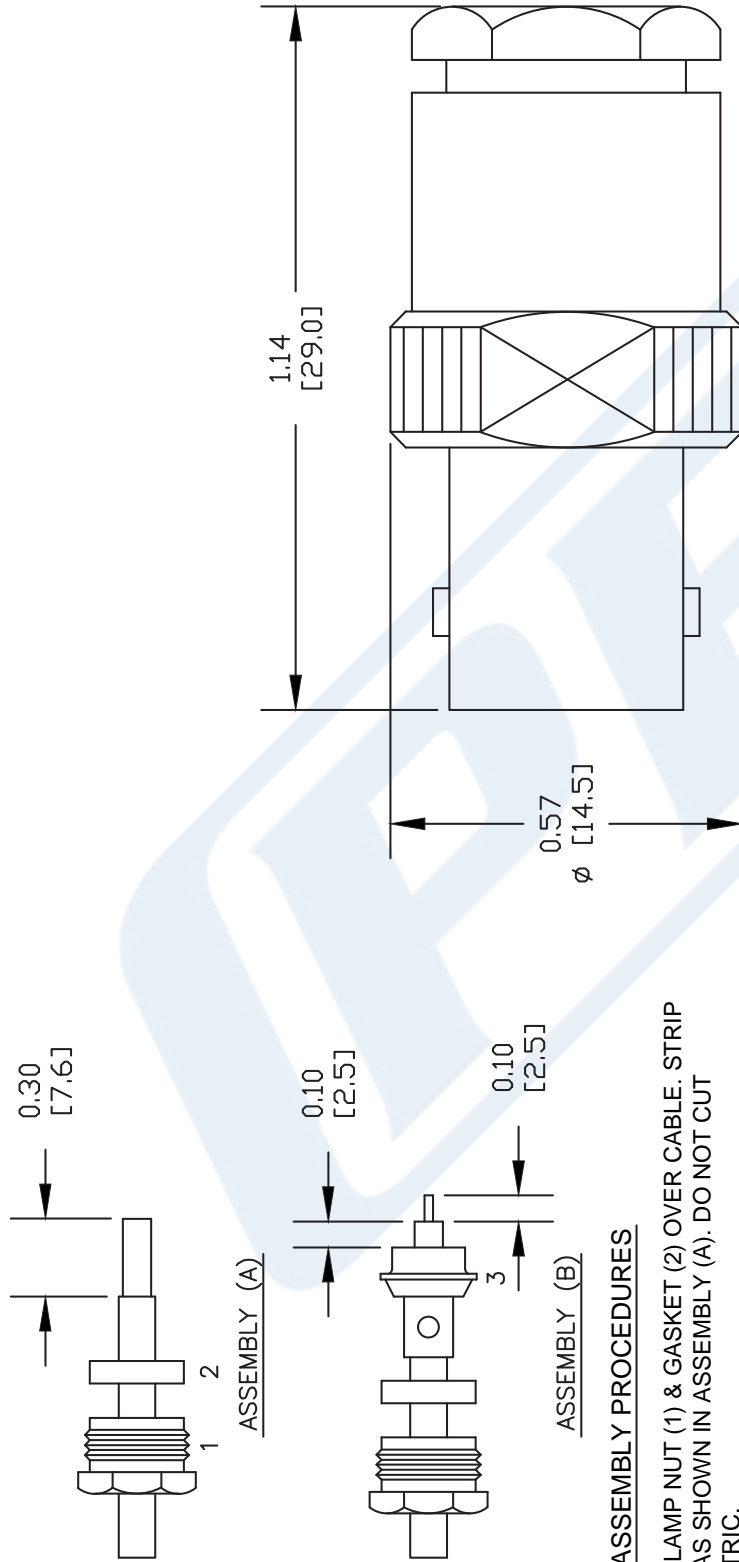
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Female Connector Clamp/Solder Attachment For PE-SR402AL, PE-SR402FL, RG402 PE4204](#)

URL: <https://www.pasternack.com/bnc-female-standard-pe-sr402al-pe-sr402fl-rg402-connector-pe4204-p.aspx>

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PE4204 CAD Drawing

BNC Female Connector Clamp/Solder Attachment For
PE-SR402AL, PE-SR402FL, RG402



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.



Pasternack Enterprises, Inc.
P.O. Box 16759 | Irvine | CA | 92623
Phone: (949) 261-1920 | Fax: (949) 261-7451
Website: www.pasternack.com | E-Mail: sales@pasternack.com

DWG TITLE

PE4204

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.

REV. -

FSCM NO. 53919

CAD FILE

042309

SCALE N/A

SIZE A

147

141 Semi-rigid Coax Cable with Tinned Aluminum

TECHNICAL DATA SHEET

PE-SR402AL

141 Semi-rigid Coax Cable with Tinned Aluminum

Configuration

Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Shield Materials	Tinned Aluminum

Electrical Specifications

Impedance, Ohms	50
Maximum Operating Frequency, GHz	36
Dielectric Withstanding Voltage, Vrms	5,000

Electrical Specifications by Frequency

Frequency 1

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	13 [42.65]
Power Handling, Watts	450

Frequency 2

Frequency, GHz	10
Attenuation, dB/100ft [dB/100m]	46 [150.92]
Power Handling, Watts	120

Frequency 3

Frequency, GHz	20
Attenuation, dB/100ft [dB/100m]	71 [232.94]
Power Handling, Watts	70

Mechanical Specifications

Temperature

Operating Range, deg C	-55 to +125
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Inner Conductor

Number of Strands	1
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: [141 Semi-rigid Coax Cable with Tinned Aluminum PE-SR402AL](#)

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141 Semi-rigid Coax Cable with Tinned Aluminum

TECHNICAL DATA SHEET

PE-SR402AL

Shield:

Number of	1
Material 1	Tinned Aluminum

Jacket:

Diameter, in [mm]	0.141 [3.58]
One Time Minimum Bend Radius, in [mm]	0.1 [2.54]
Weight, lbs/ft [Kg/m]	0.02 [0.03]

Compliance Certifications (visit www.Pasternack.com for current document)**Plotted and Other Data**

Notes:	Values at 25 °C, sea level
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141 Semi-rigid Coax Cable with Tinned Aluminum 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.

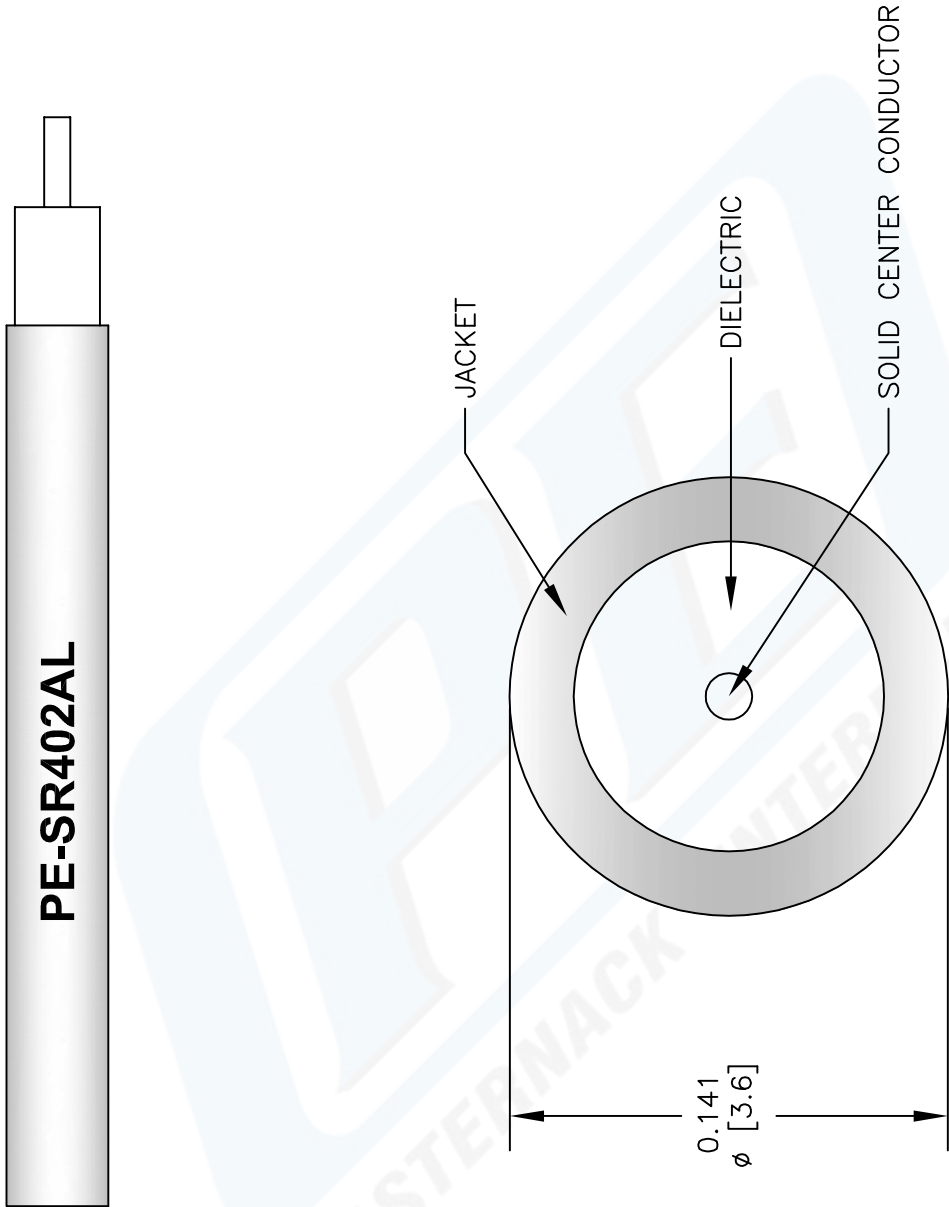
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [141 Semi-rigid Coax Cable with Tinned Aluminum PE-SR402AL](#)

URL: <http://www.pasternack.com/semirigid-0.141-50-ohm-coax-cable-tinned-aluminum-pe-sr402al-p.aspx>

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PE-SR402AL CAD Drawing

141 Semi-rigid Coax Cable with Tinned Aluminum



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DWG TITLE
PE-SR402AL

REV. A FSCM NO. 53919

147

SIZE A

SCALE N/A

CAD FILE 022808-A

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