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THE ENGINEER'S RF SOURCE



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

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

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

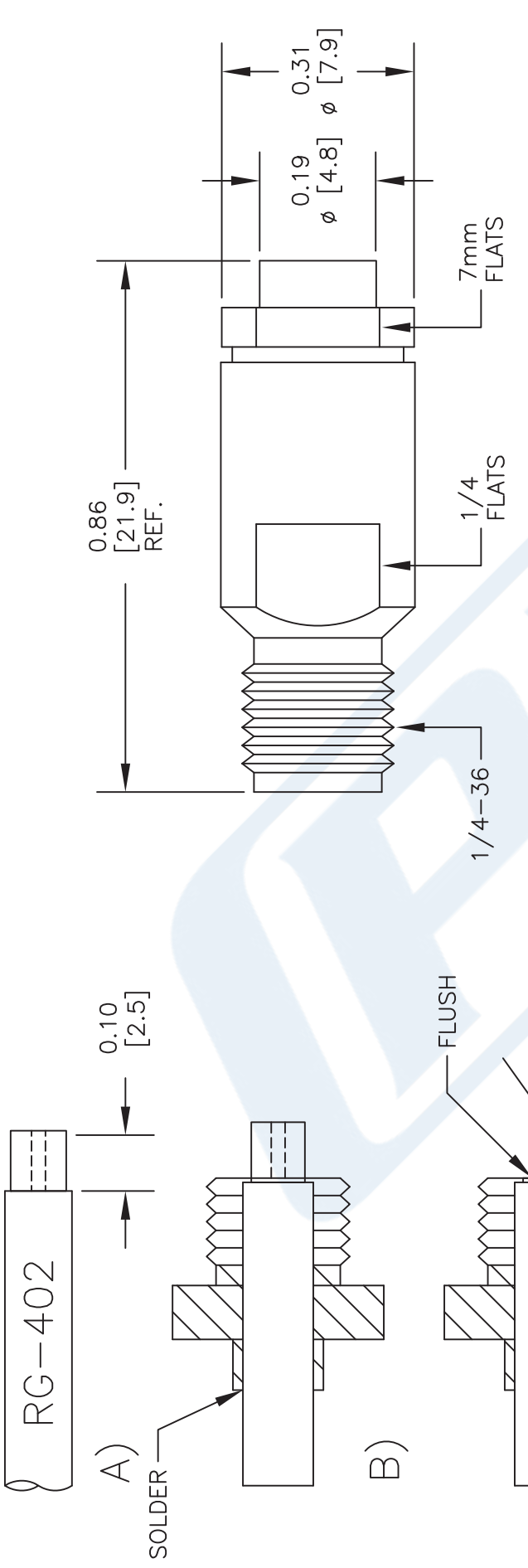
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PE45011 CAD Drawing

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. 4. SCREW ASSEMBLY INTO BODY & TIGHTEN (25-30 IN-LBS).

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].

DWG TITLE: PE45011

CAD FILE 031414 | SCALE N/A | SIZE A | 150

FSCM NO. 53919

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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

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

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

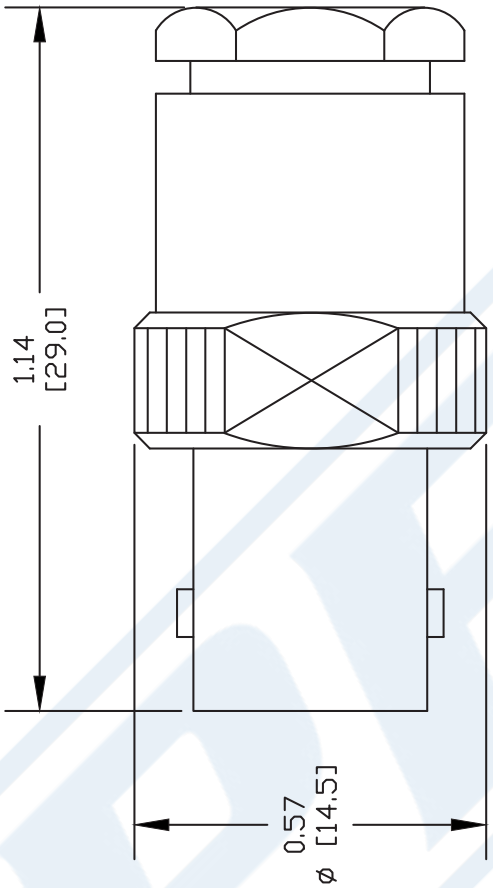
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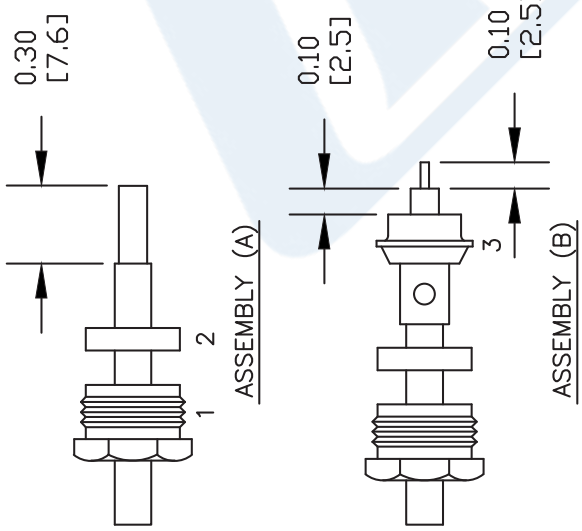
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PE4204 CAD Drawing

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.

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	REV. -	FSCM NO. 53919	CAD FILE 042309	SCALE N/A	SIZE A	147
PE4204						

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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

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

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.

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RG402 Coax Cable with Tinned Copper Outer Conductor

TECHNICAL DATA SHEET PE-SR402TN

Shield:	
Number of	1
Material 1	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 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-tinned-copper-pe-sr402tn-p.aspx

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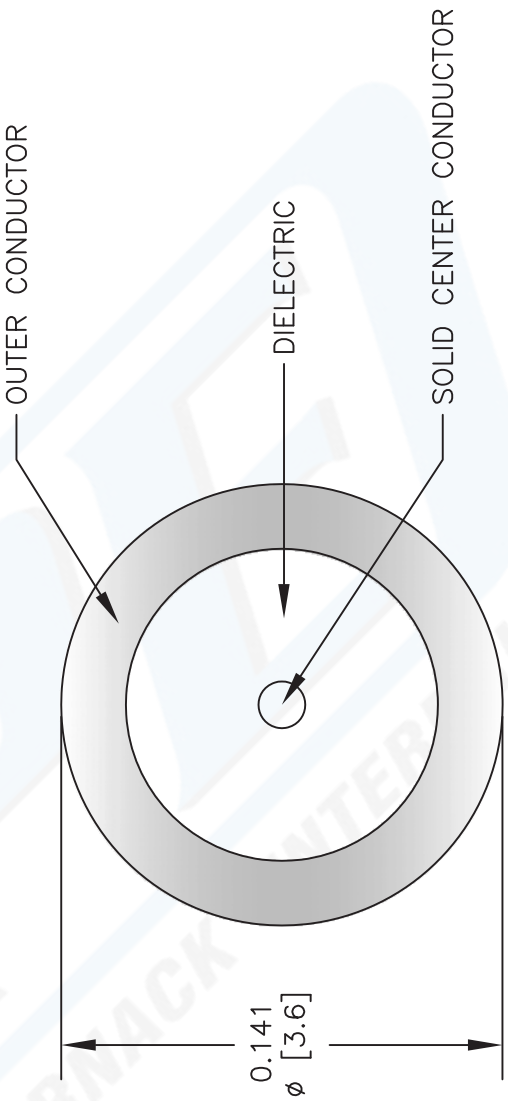
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PE-SR402TN CAD Drawing

RG402 Coax Cable with Tinned Copper Outer Conductor





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3. DIMENSIONS ARE IN INCHES [mm].

DWG TITLE: PE-SR402TN

CAD FILE 073113 | SCALE N/A | SIZE A | 2233

FSCM NO. 53919

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