

BMA Jack Snap-On Connector Solder/Non-Solder Contact Attachment for RG402, PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN



RF Connectors Technical Data Sheet

PE45328

Configuration

- Snap-On BMA Jack Connector
- 50 Ohms
- Straight Body Geometry

- RG402, PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN Interface Type
- Solder/Non-Solder Contact Attachment

Features

- Max. Operating Frequency 22 GHz
- Good VSWR of 1.27:1
- Gold Plated Beryllium Copper Contact
- 51.18 μ in. minimum contact plating

- Blind Mate Connector
- IP54(Mated)
- Low-Engagement Force
- Radial and Axial Float Versions

Applications

- General Purpose Test
- Custom Cable Assemblies
- Blind Mating

- Rack and Panel
- Phased Array Systems
- Base Stations

- RF Backplanes
- Test I/O

Description

Pasternack's PE45328 BMA jack snap-on connector with solder/non-solder contact attachment for RG402, PE-SR402AL, PE-SR402FL, PE-SR402FLJ and PE-SR402TN is part of our full line of RF components available for same-day shipping. Our BMA jack connector operates up to a maximum frequency of 22 GHz and offers good VSWR of 1.27:1. The Pasternack blind mate connector is ideal for applications where direct visual or tactile access to the connection point is not possible, for example, when two circuit boards need to be mated.

Our BMA jack connector PE45328 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		22	GHz
VSWR			1.27:1	
Insertion Loss			0.14	dB
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,500	Vrms
Insulation Resistance	5,000			MOhms

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BMA Jack Snap-On Connector Solder/Non-Solder Contact Attachment for RG402, PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN PE45328](#)

BMA Jack Snap-On Connector Solder/Non-Solder Contact Attachment for RG402, PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN



RF Connectors Technical Data Sheet

PE45328

Mechanical Specifications

Size	
Length	0.7 in [17.78 mm]
Width/Dia.	0.35 in [8.89 mm]
Weight	0.007 lbs [3.18 g]
Mating Cycles	1,000 Cycles

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 51.18 μ in. minimum
Insulation	PTFE	
Outer Conductor	Beryllium Copper	Gold
Body	Stainless Steel	Gold 19.68 μ in. minimum

Mechanical Specification Notes:

Recommended axial float mount for best electricl performance: 0.51 +/- 0.25 mm (.020" +/- .010)

Environmental Specifications

Temperature	
Operating Range	-65 to +165 deg C
Ingress Protection (IP) Rating	IP54(Mated)

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BMA Jack Snap-On Connector Solder/Non-Solder Contact Attachment for RG402, PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN PE45328](#)

BMA Jack Snap-On Connector Solder/Non-Solder Contact Attachment for RG402, PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN



RF Connectors Technical Data Sheet

PE45328

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

Plotted and Other Data

Notes:

BMA Jack Snap-On Connector Solder/Non-Solder Contact Attachment for RG402, PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN 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.

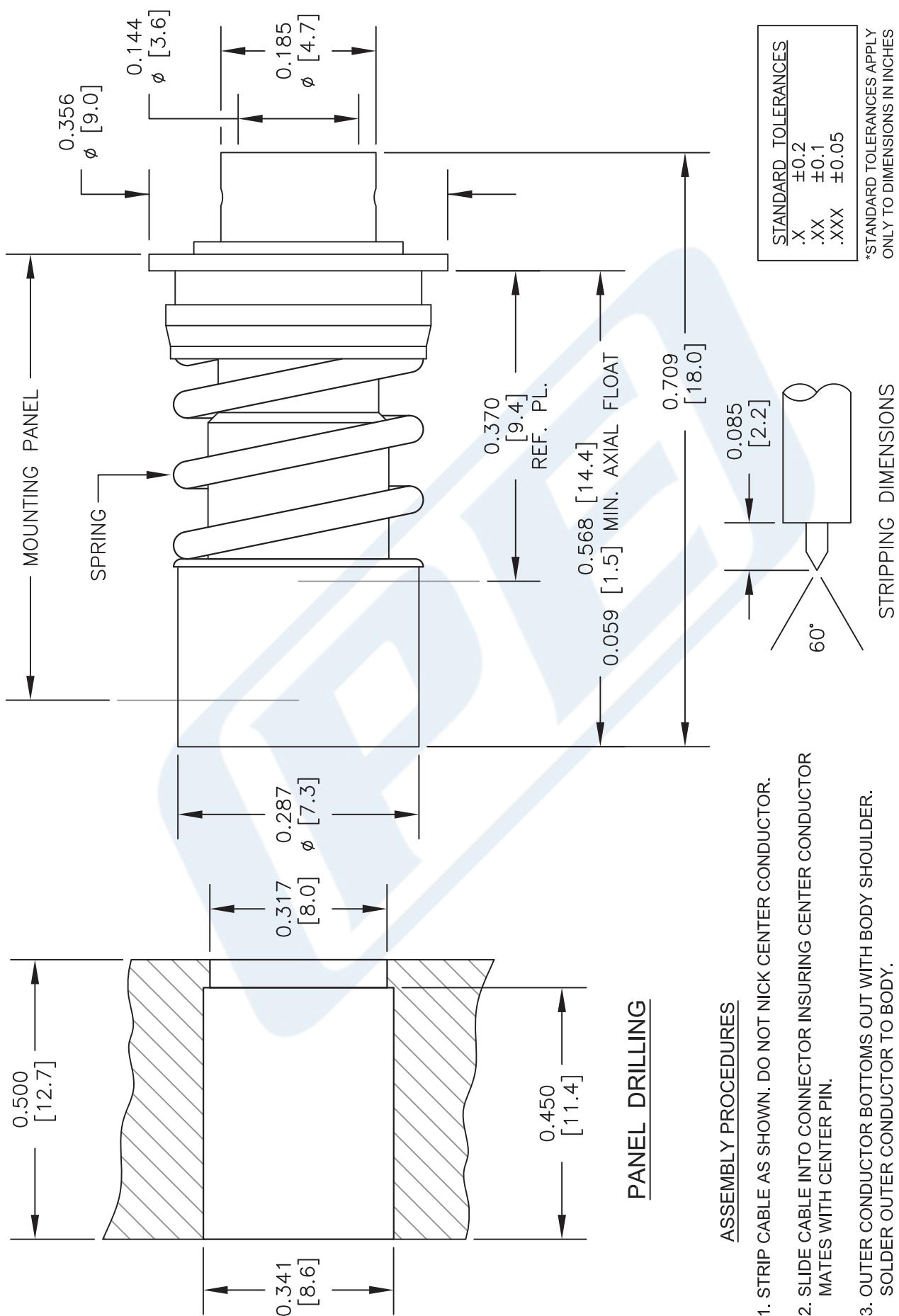
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URL: <https://www.pasternack.com/bma-jack-snap-on-rg402-pe-sr402al-pe-sr402fl-pe-sr402flj-connector-pe45328-p.aspx>

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.

PE45328 CAD Drawing

BMA Jack Snap-On Connector Solder/Non-Solder Contact Attachment for
RG402, PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN



DWG TITLE	PE45328	CAGE CODE	53919	CAD FILE	022017	SCALE	N/A	SIZE	A	2233
PASTERNACK® <small>THE ENGINEER'S RF SOURCE</small> 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										



BMA Jack Right Angle Slide-On Connector Solder Attachment 2 Hole Flange Mount for RG402, PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN

RF Connectors Technical Data Sheet

PE45329

Configuration

- Slide-On BMA Jack Connector
- 50 Ohms
- Right Angle Body Geometry
- RG402, PE-SR402AL, PE-SR402FL, PE-SR402FLJ,

PE-SR402TN Interface Type

- Solder/Solder Attachment
- 2 Hole Flange

Features

- Max. Operating Frequency 12.4 GHz
- Good VSWR of 1.46:1
- Gold Plated Beryllium Copper Contact

- Blind Mate Connector
- Low-Engagement Force
- Radial and Axial Float Versions

Applications

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

- Blind Mating
- Rack and Panel
- Phased Array Systems

- Base Stations
- RF Backplanes
- Test I/O

Description

Pasternack's PE45329 BMA jack slide-on right angle 2 hole flange mount connector with solder/solder attachment for RG402, PE-SR402AL, PE-SR402FL, PE-SR402FLJ and PE-SR402TN is part of our full line of RF components available for same-day shipping. Our BMA jack connector operates up to a maximum frequency of 12.4 GHz and offers good VSWR of 1.46:1. The Pasternack blind mate connector is ideal for applications where direct visual or tactile access to the connection point is not possible, for example, when two circuit boards need to be mated. Its right angle body geometry allows for easier connections in tight spaces. This BMA 2 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 BMA jack right angle 2 hole flange connector PE45329 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		12.4	GHz
VSWR			1.46:1	
Insertion Loss			0.25	dB
Operating Voltage (AC)			350	Vrms
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Insulation Resistance	5,000			MOhms

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BMA Jack Right Angle Slide-On Connector Solder Attachment 2 Hole Flange Mount for RG402, PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN PE45329](#)



BMA Jack Right Angle Slide-On Connector Solder Attachment 2 Hole Flange Mount for RG402, PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN

RF Connectors Technical Data Sheet

PE45329

Mechanical Specifications

Size	
Length	0.87 in [22.1 mm]
Width/Dia.	0.37 in [9.40 mm]
Height	0.74 in [18.8 mm]
Weight	0.019 lbs [8.62 g]
Mating Cycles	1,000 Cycles

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold
Insulation	PTFE	
Outer Conductor	Beryllium Copper	Gold
Body	Brass	Tri-Metal

Mechanical Specification Notes:

Recommended axial float mount for best electricl performance: 0.51 +/- 0.25 mm (.020" +/- .010)

Environmental Specifications

Temperature

Operating Range

-40 to +100 deg C

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BMA Jack Right Angle Slide-On Connector Solder Attachment 2 Hole Flange Mount for RG402, PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN PE45329](#)



BMA Jack Right Angle Slide-On Connector Solder Attachment 2 Hole Flange Mount for RG402, PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN

RF Connectors Technical Data Sheet

PE45329

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

Plotted and Other Data

Notes:

BMA Jack Right Angle Slide-On Connector Solder Attachment 2 Hole Flange Mount for RG402, PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN 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.

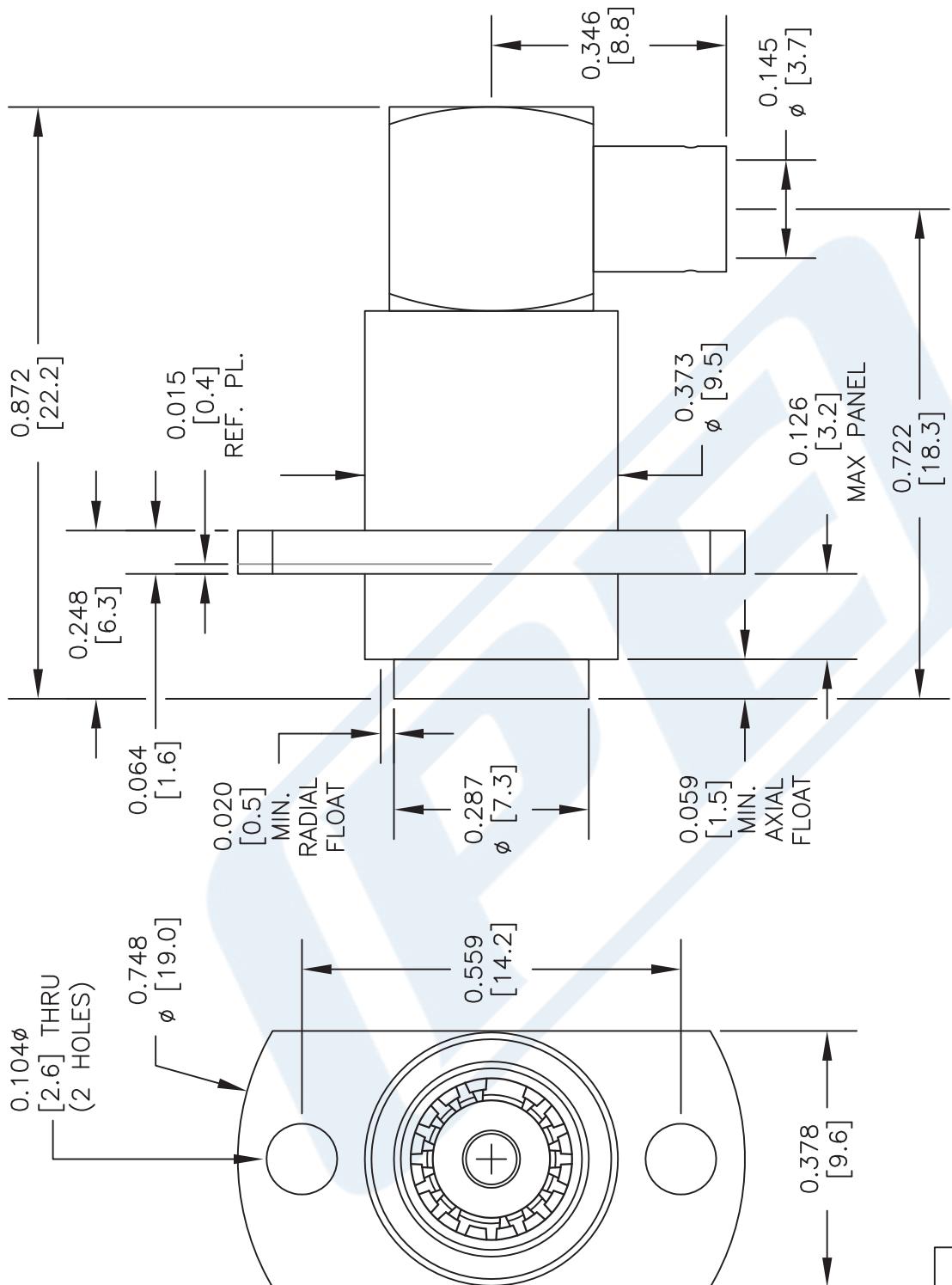
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BMA Jack Right Angle Slide-On Connector Solder Attachment 2 Hole Flange Mount for RG402, PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN PE45329](#)

URL: <https://www.pasternack.com/bma-jack-slide-on-rg402-pe-sr402al-pe-sr402fl-pe-sr402flj-connector-pe45329-p.aspx>

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PE45329 CAD Drawing

BMA Jack Right Angle Slide-On Connector Solder Attachment 2 Hole Flange Mount for RG402, PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN



*STANDARD TOLERANCES
ONLY TO DIMENSIONS IN INCHES
.X ±0.2
.XX ±0.1
.XXX ±0.05



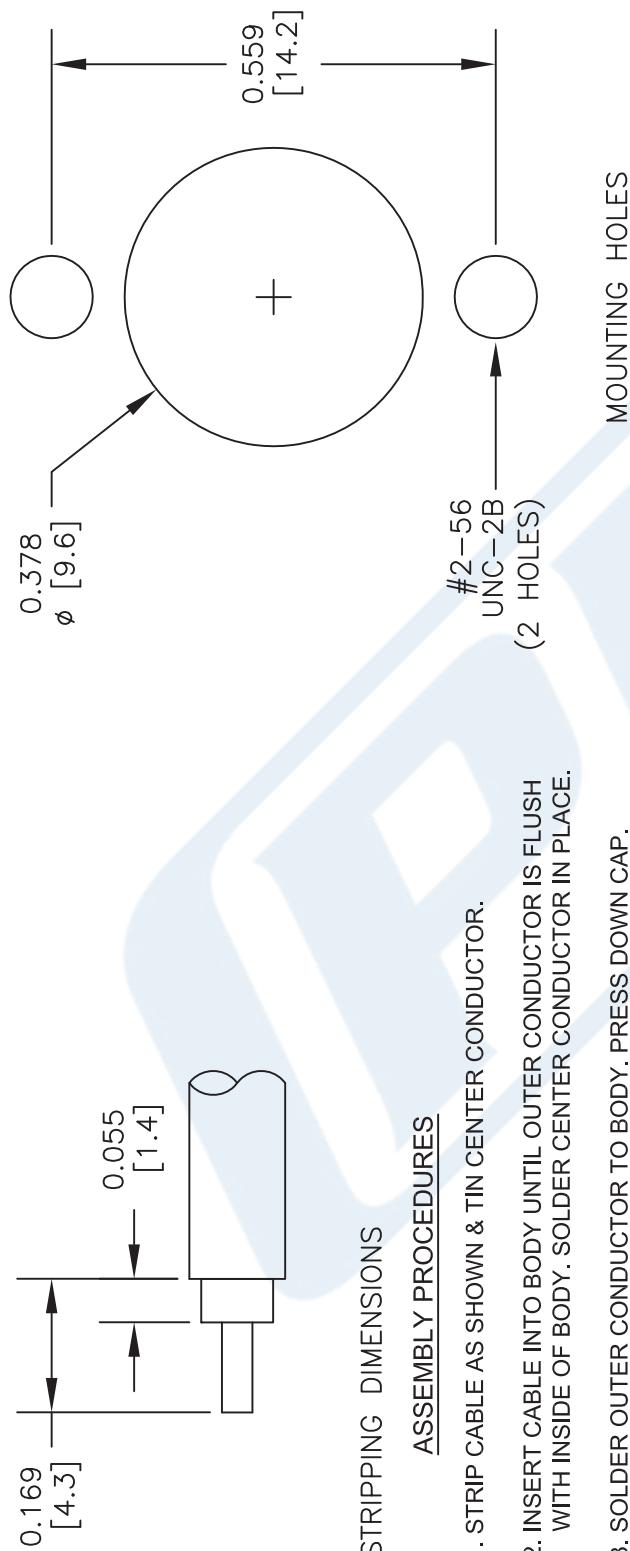
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DWG TITLE	PE45329
CAGE CODE	53919

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].

PE45329 CAD Drawing

BMA Jack Right Angle Slide-On Connector Solder Attachment 2 Hole Flange Mount for RG402, PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN



STANDARD TOLERANCES		
.X	±0.2	
.XX	±0.1	
.XXX	±0.05	

*STANDARD TOLERANCES APPLY
ONLY TO DIMENSIONS IN INCHES



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SIZE A	2233
CAD FILE	020617

141 Semi-rigid Coax Cable with Tinned Aluminum

RF Cables Technical Data Sheet

PE-SR402AL

Configuration

- Semi-Rigid Cable
- 1 Shield(s)

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		36	GHz
Impedance		50		Ohms
Velocity of Propagation		69.5		%
Dielectric Withstanding Voltage (AC)			5,000	Vrms

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	1	10	20			GHz
Attenuation, Max	13	46	71			dB/100ft
	42.65	150.92	232.94			dB/100m
Input Power (CW), Max	450	120	70			Watts

Mechanical Specifications

Min. Bend Radius (Repeated) 0.15 in [3.81 mm]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper Clad Steel, Silver, 1 Strand	0.036 in 0.91 mm
Conductor Type	Solid	
Dielectric	PTFE	0.118 in [3 mm]
Outer Conductor	Tinned Aluminum	0.141 in 3.58 mm

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](#)

141 Semi-rigid Coax Cable with Tinned Aluminum

RF Cables Technical Data Sheet

PE-SR402AL

Environmental Specifications

Temperature

Operating Range

-55 to +125 deg C

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

Plotted and Other Data

Notes:

141 Semi-rigid Coax Cable with Tinned Aluminum 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.

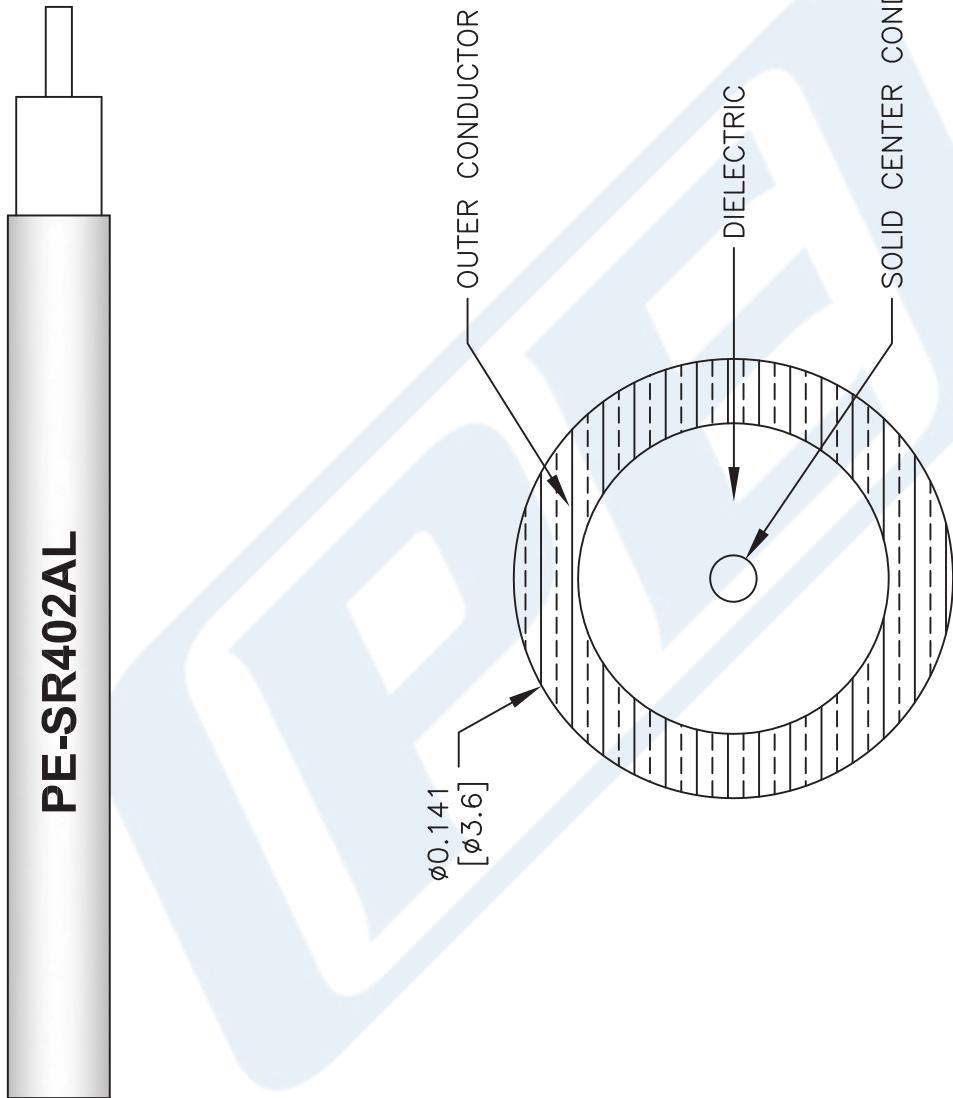
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [141 Semi-rigid Coax Cable with Tinned Aluminum PE-SR402AL](#)

URL: <https://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
FSCM NO. 53919	CAD FILE 111716 SCALE N/A SIZE A 41742

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