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2.2-5 Male Low PIM Connector Solder Attachment for PE-SR402FL, PE-SR402FLJ, RG402, PE-SR402AL

RF Connectors
Technical Data Sheet

PE45827

Configuration

- 2.2-5 Male Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: PE-SR402FL, PE-SR-402FLJ, RG402, PE-SR402AL
- Low PIM Design

Features

- Max. Operating Frequency 6 GHz
- PIM levels lower than -155 dBc
- Silver Plated Brass Contact

Applications

- General Purpose Test
- Wireless Communications
- Custom Cable Assemblies
- Low PIM Applications

Description

Pasternack's PE45827 2.2-5 male connector with solder/solder attachment for PE-SR402FL, PE-SR402FLJ, RG402 and PE-SR402AL is part of our full line of RF components available for same-day shipping. Our 2.2-5 male connector operates up to a maximum frequency of 6 GHz. The 2.2-5 male connector also has low passive intermodulation of -155 dBc.

Our 2.2-5 male connector PE45827 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		6	GHz
Passive Intermodulation			-155	dBc
Dielectric Withstanding Voltage (AC)			750	Vrms

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 3	3 to 6				GHz
VSWR, Max	1.15:1	1.25:1				

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 2.2-5 Male Low PIM Connector Solder Attachment for PE-SR402FL, PE-SR402FLJ, RG402, PE-SR402AL PE45827

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
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2.2-5 Male Low PIM Connector Solder Attachment for PE-SR402FL, PE-SR402FLJ, RG402, PE-SR402AL

RF Connectors
Technical Data Sheet

PE45827

Mechanical Specifications

Size

Length	0.79 in [20.07 mm]
Width/Dia.	0.69 in [17.53 mm]
Height	0.69 in [17.53 mm]
Weight	0.041 lbs [18.6 g]

Material Specifications

Description	Material	Plating
Contact	Brass	Silver
Insulation	PTFE	
Body	Brass	Tri-Metal
Coupling Nut	Brass	Tri-Metal
O-Ring	Silicone Rubber	

Environmental Specifications

Temperature

Operating Range	-40 to +155 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: 2.2-5 Male Low PIM Connector Solder Attachment for PE-SR402FL, PE-SR402FLJ, RG402, PE-SR402AL PE45827

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2.2-5 Male Low PIM Connector Solder Attachment for PE-SR402FL, PE-SR402FLJ, RG402, PE-SR402AL

RF Connectors
Technical Data Sheet

PE45827

2.2-5 Male Low PIM Connector Solder Attachment for PE-SR402FL, PE-SR402FLJ, RG402, PE-SR402AL 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: 2.2-5 Male Low PIM Connector Solder Attachment for PE-SR402FL, PE-SR402FLJ, RG402, PE-SR402AL PE45827

URL: https://www.pasternack.com/2.2-5-male-pe-sr402fl-pe-sr402flj-pe-sr402al-connector-pe45827-p.aspx

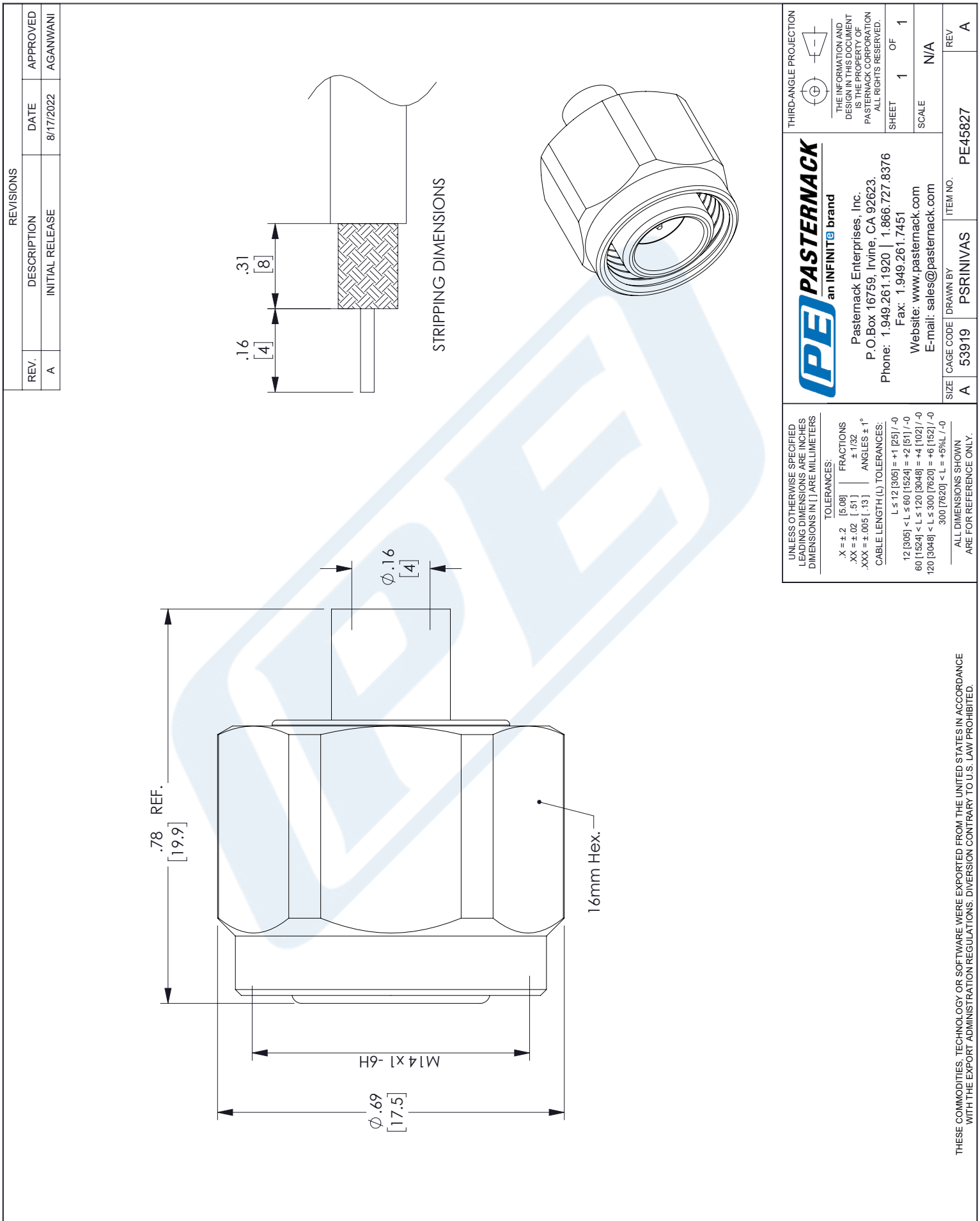
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PE45827 CAD Drawing

2.2-5 Male Low PIM Connector Solder Attachment for PE-SR402FL, PE-SR402FLJ, RG402, PE-SR402AL



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QMA Male Low PIM Connector Solder Attachment for PE-SR402FL, PE-SR402FLJ, RG402, PE-SR402AL

RF Connectors
Technical Data Sheet

PE45834

Configuration

- QMA Male Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: PE-SR402FL, PE-SR-402FLJ, RG402, PE-SR402AL
- Low PIM Design

Features

- Max. Operating Frequency 6 GHz
- Gold Plated Brass Contact

Applications

- General Purpose Test
- Wireless Communications
- Custom Cable Assemblies
- Low PIM Applications

Description

Pasternack's PE45834 QMA male connector with solder/solder attachment for PE-SR402FL, PE-SR402FLJ, RG402 and PE-SR402AL is part of our full line of RF components available for same-day shipping. Our QMA male connector operates up to a maximum frequency of 6 GHz.

Our QMA male connector PE45834 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		6	GHz
Dielectric Withstanding Voltage (AC)			750	Vrms

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 3	3 to 6				GHz
VSWR, Max	1.2:1	1.3:1				

Mechanical Specifications

Size

Length	0.73 in [18.54 mm]
Width/Dia.	0.42 in [10.67 mm]
Height	0.42 in [10.67 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: QMA Male Low PIM Connector Solder Attachment for PE-SR402FL, PE-SR402FLJ, RG402, PE-SR402AL PE45834

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QMA Male Low PIM Connector Solder Attachment for PE-SR402FL, PE-SR402FLJ, RG402, PE-SR402AL

RF Connectors
Technical Data Sheet

PE45834

Weight 0.011 lbs [4.99 g]

Material Specifications

Description	Material	Plating
Contact	Brass	Gold
Insulation	PTFE	
Body	Brass	Tri-Metal
Coupling Nut	Brass	Tri-Metal

Environmental Specifications

Temperature

Operating Range -40 to +155 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

QMA Male Low PIM Connector Solder Attachment for PE-SR402FL, PE-SR402FLJ, RG402, PE-SR402AL 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: QMA Male Low PIM Connector Solder Attachment for PE-SR402FL, PE-SR402FLJ, RG402, PE-SR402AL PE45834

URL: https://www.pasternack.com/qma-male-pe-sr402fl-pe-sr402flj-rg402-pe-sr402al-connector-pe45834-p.aspx

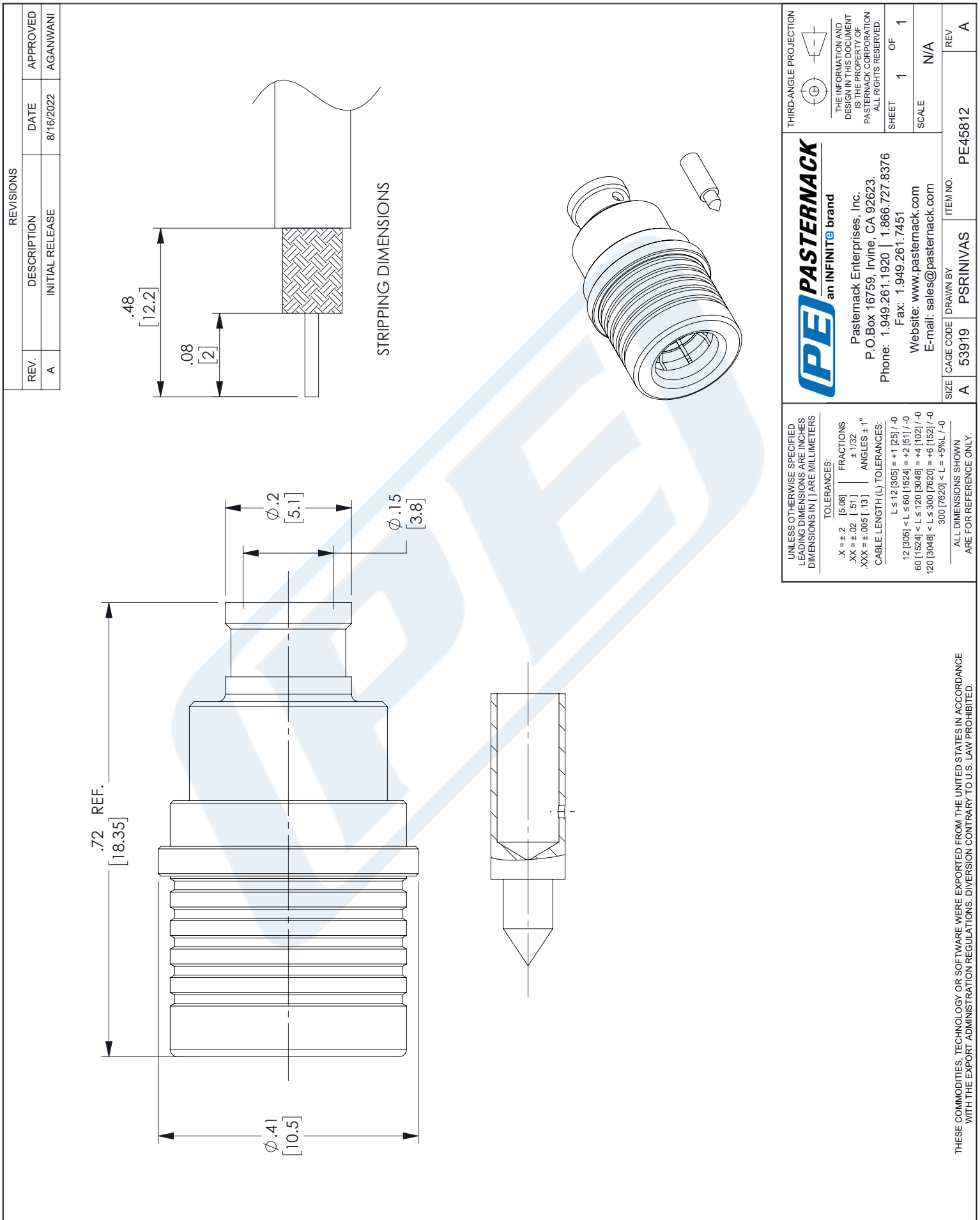
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PE45834 CAD Drawing

QMA Male Low PIM Connector Solder Attachment for PE-SR402FL, PE-SR402FLJ, RG402, PE-SR402AL



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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 42.65	46 150.92	71 232.94			dB/100ft 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

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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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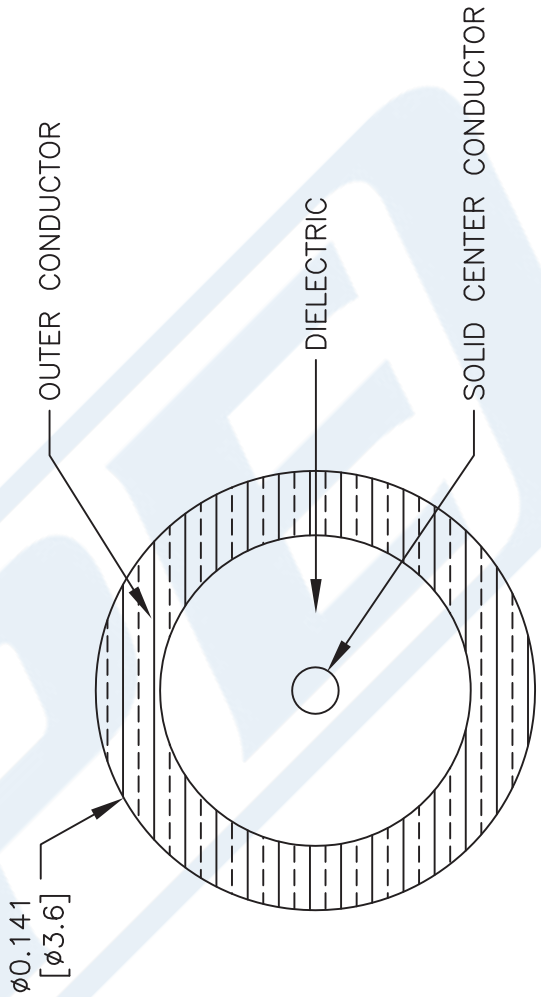
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PE-SR402AL CAD Drawing

141 Semi-rigid Coax Cable with Tinned Aluminum





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
PE-SR402AL

FSCM NO. 53919	CAD FILE 111716	SCALE N/A	SIZE A	41742

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