

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



RF Connectors Technical Data Sheet

PE45326

Configuration

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

PE-SR402TN Interface Type

- Solder/Solder Attachment
- 2 Hole Flange

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
- 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 PE45326 BMA jack slide-on 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 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. 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 2 hole flange connector PE45326 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)			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 Slide-On Connector Solder Attachment 2 Hole Flange Mount for RG402, PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN, Gold Plated PE45326](#)

BMA Jack Slide-On Connector Solder Attachment
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RF Connectors Technical Data Sheet

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Mechanical Specifications

Size	
Length	0.7 in [17.78 mm]
Width/Dia.	0.74 in [18.80 mm]
Weight	0.011 lbs [4.99 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	-40 to +100 deg C
Ingress Protection (IP) Rating	IP54(Mated)

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RF Connectors Technical Data Sheet

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

Plotted and Other Data

Notes:

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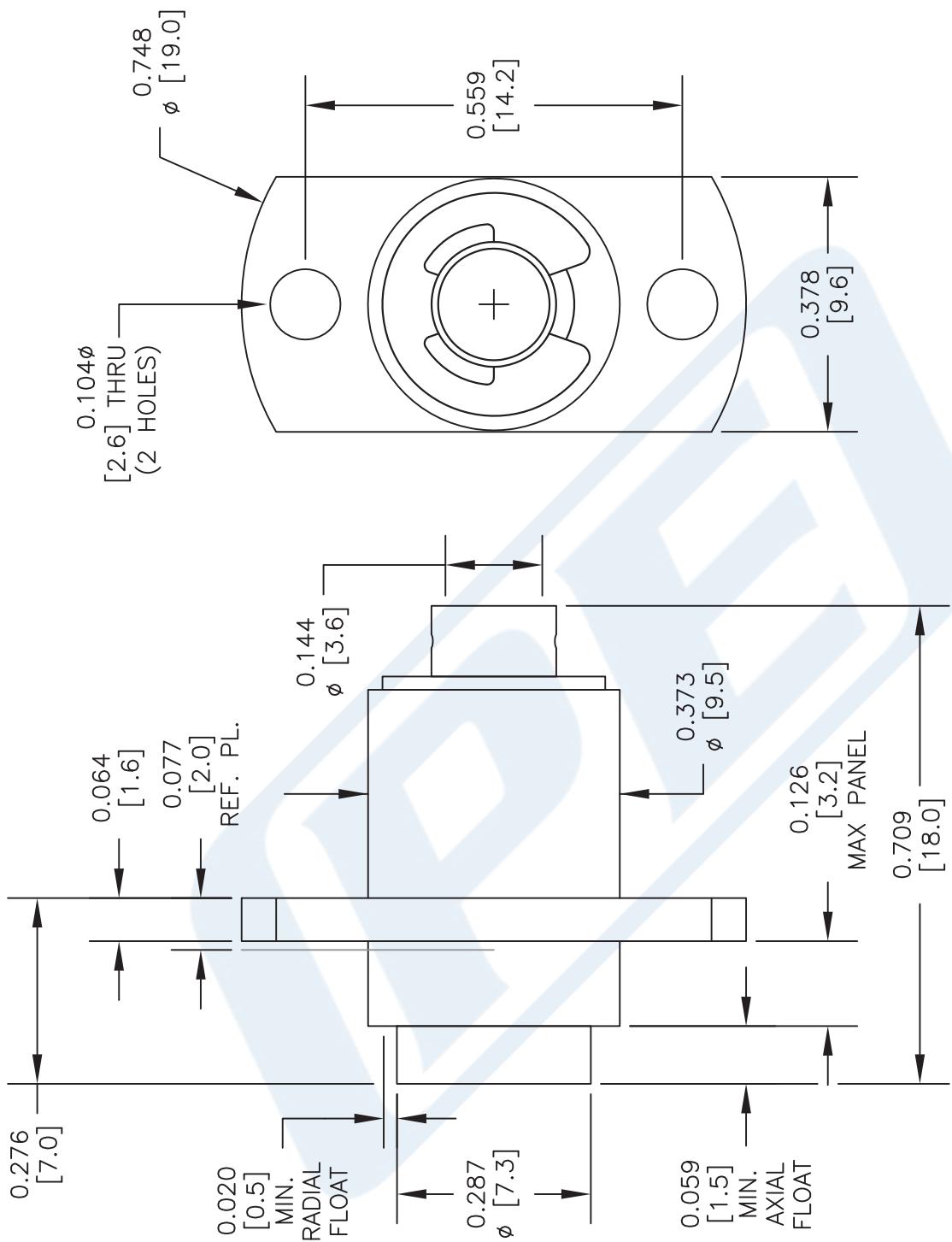
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PE45326 CAD Drawing

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



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

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ONLY TO DIMENSIONS IN INCHES



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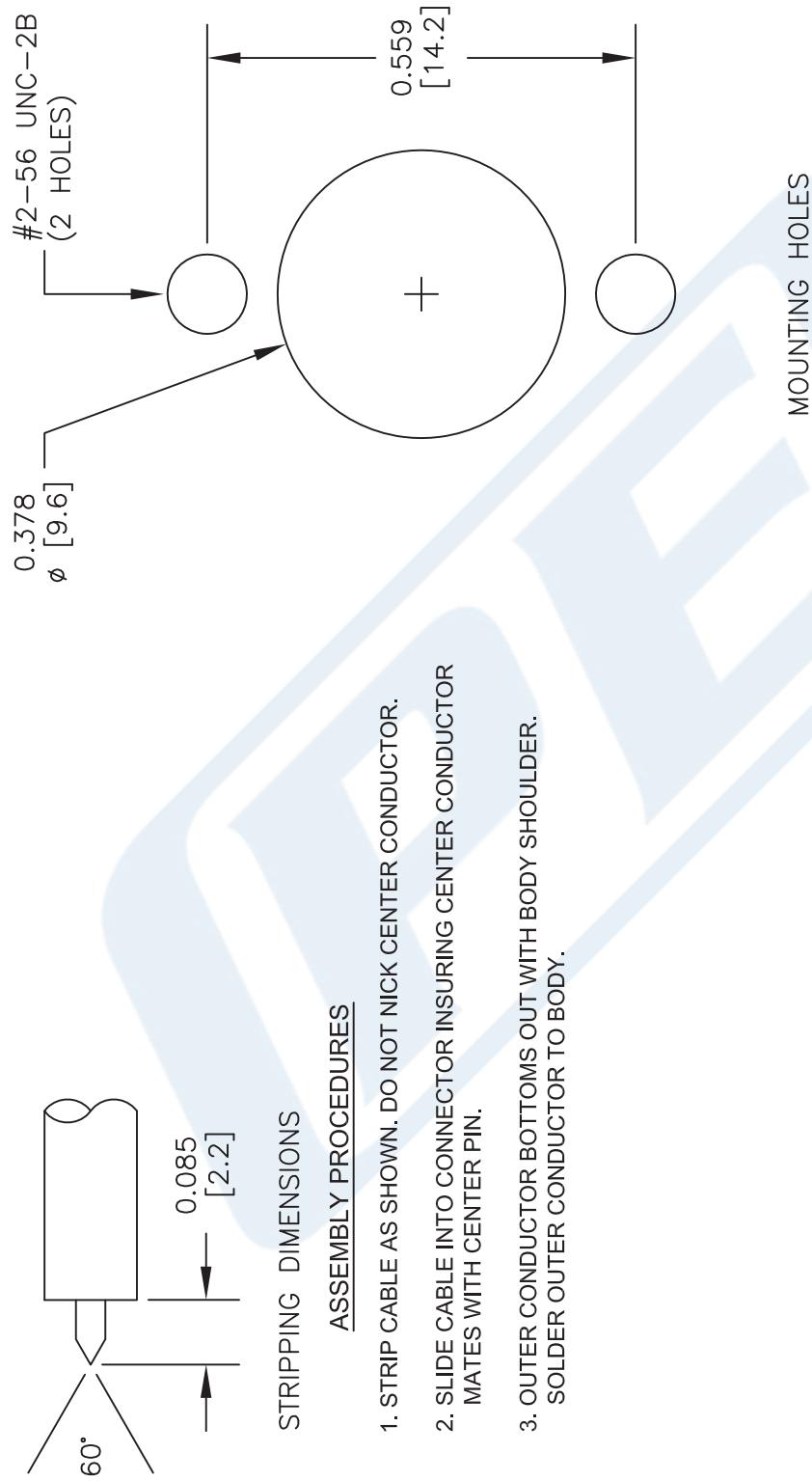
DWG TITLE
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NOTES:
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 3. DIMENSIONS ARE IN INCHES [mm].

CAGE CODE	53919	CAD FILE	020617	SCALE	N/A	SIZE	A	2233
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PE45326 CAD Drawing

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



ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN. DO NOT NICK CENTER CONDUCTOR.
2. SLIDE CABLE INTO CONNECTOR INSURING CENTER CONDUCTOR MATES WITH CENTER PIN.
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PASTERNACK®
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RF Connectors Technical Data Sheet

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Environmental Specifications

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Operating Range	-40 to +100 deg C
Ingress Protection (IP) Rating	IP54(Mated)

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RF Connectors Technical Data Sheet

PE45326

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

Plotted and Other Data

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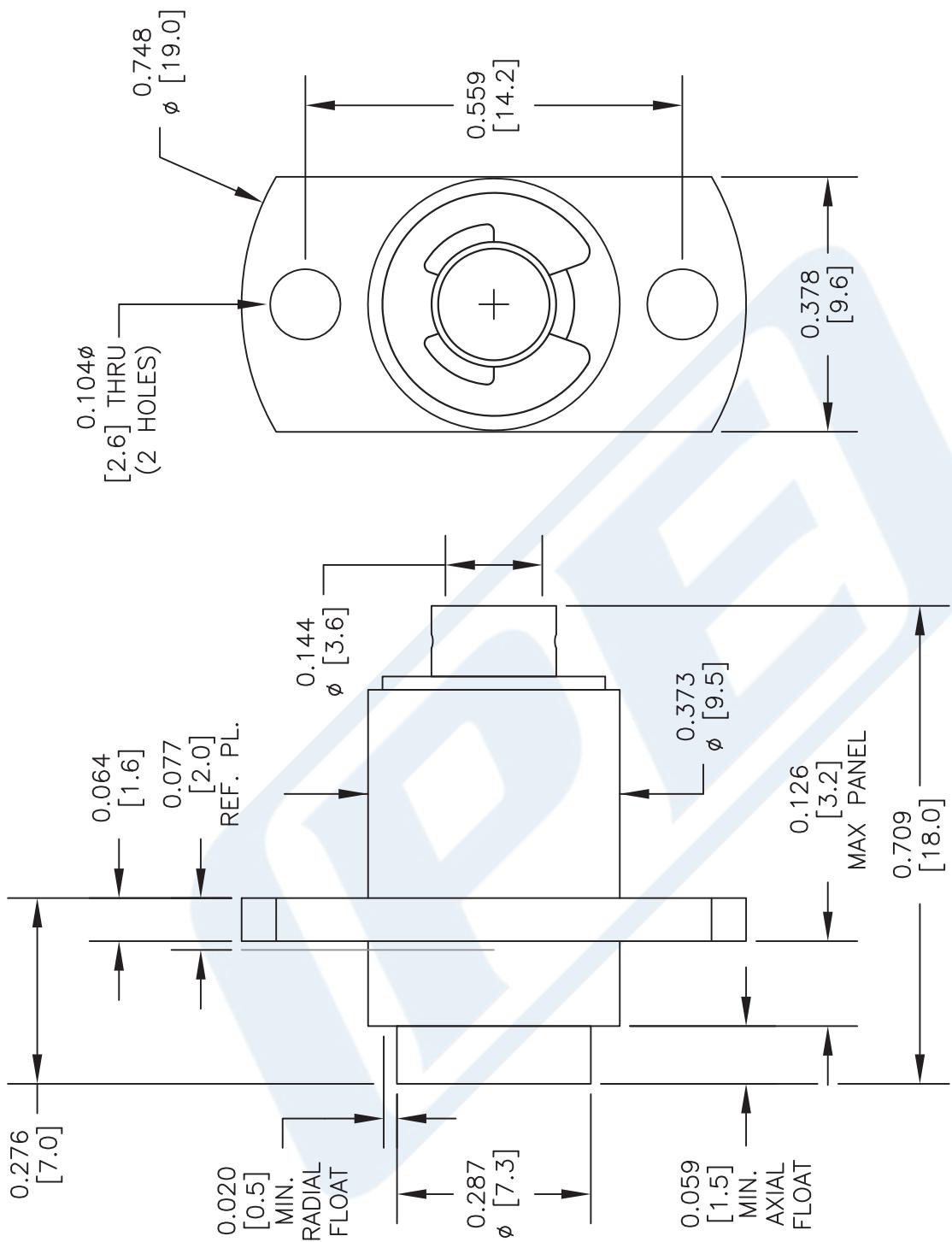
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STANDARD TOLERANCES
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 .XXX ± 0.05

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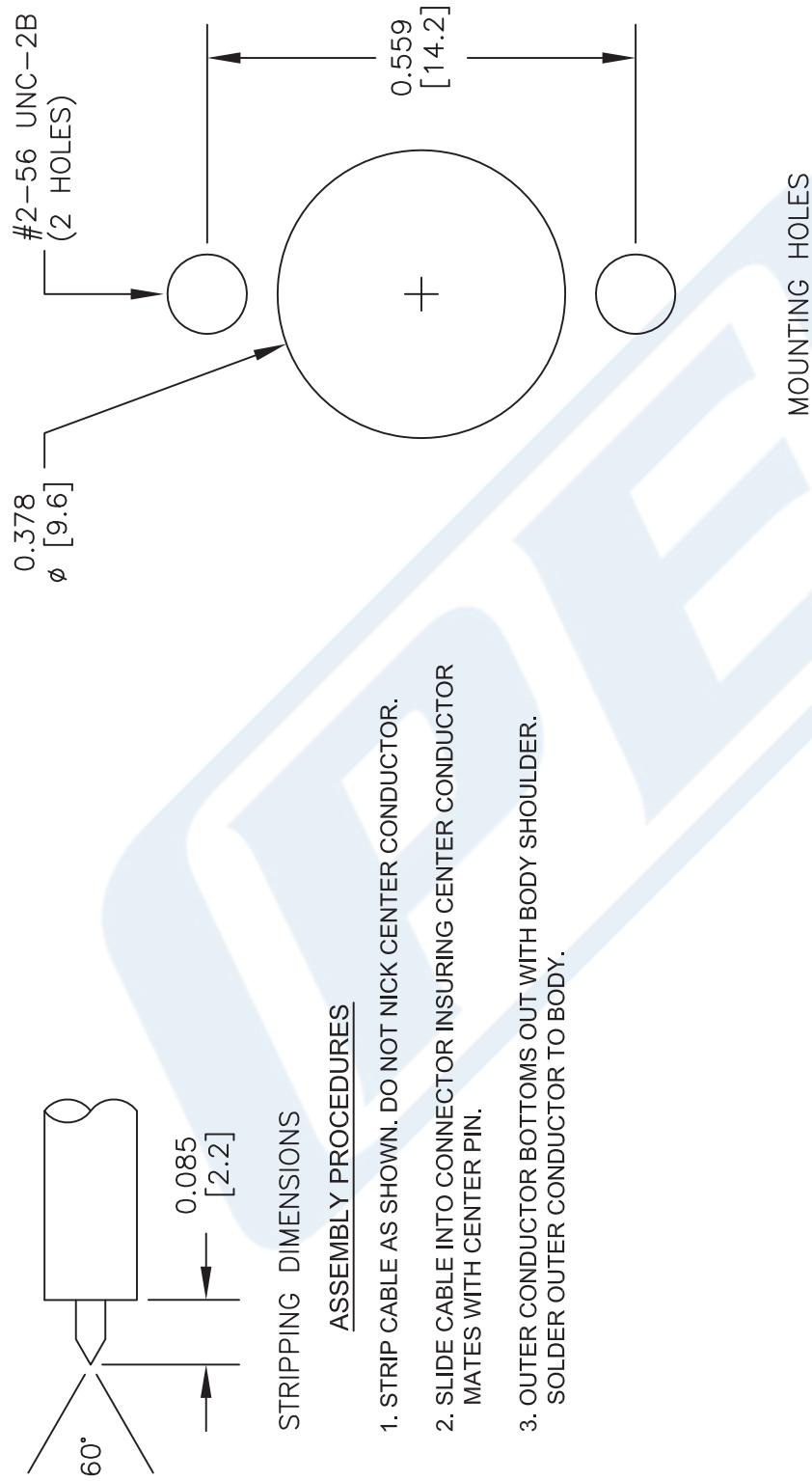
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CAD FILE	020617

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ASSEMBLY PROCEDURES

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Formable 141 Semi-rigid Coax Cable with Tinned Copper Braid Outer Conductor

RF Cables Technical Data Sheet

PE-SR402FL

Configuration

- Formable Cable

Features

- Dimensionally the same as standard solid outer conductor semi-rigid coax
- Standard semi-rigid connectors can be used
- Cable is hand formable and does not require special tools to bend
- Connectors are easily soldered to Tin soaked outer conductor
- Cable can be formed more than once without damage to outer conductor
- High RF Shielding >100 dB

Description

Formable semi-rigid coax is a hand formable version of standard semi-rigid that does not require complicated and costly pre-formed cable assemblies. Because the dimensions and electrical characteristics are so closely matched to semi-rigid coax, standard semi-rigid connectors can be used. The tin soaked copper braid outer shield provides excellent RF shielding.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		20	GHz
Impedance		50		Ohms
Velocity of Propagation		69.5		%
Shielding Effectiveness	110			dB
Inner Conductor DC Resistance			7.8	Ohms/1000ft
Outer Conductor DC Resistance			5.5	Ohms/1000ft
Nominal Capacitance	29 [95.14]			pF/ft [pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	0.5	1	5	10	20	GHz
Attenuation, Typ	8 26.25	12 39.37	29 95.14	45 147.64	70 229.66	dB/100ft dB/100m

Mechanical Specifications

Min. Bend Radius (Repeated) 0.625 in [15.88 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Formable 141 Semi-rigid Coax Cable with Tinned Copper Braid Outer Conductor PE-SR402FL](#)

Formable 141 Semi-rigid Coax Cable with Tinned Copper Braid Outer Conductor

RF Cables Technical Data Sheet

PE-SR402FL

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper, Silver1	0.037 in 0.94 mm
Conductor Type	Solid	
Dielectric	PTFE	0.119 in 3.02 mm
Outer Conductor	Tinned Copper Braid 100% coverage	0.141 in 3.58 mm

Environmental Specifications

Temperature

Operating Range

-55 to +125 deg C

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

Plotted and Other Data

Notes:

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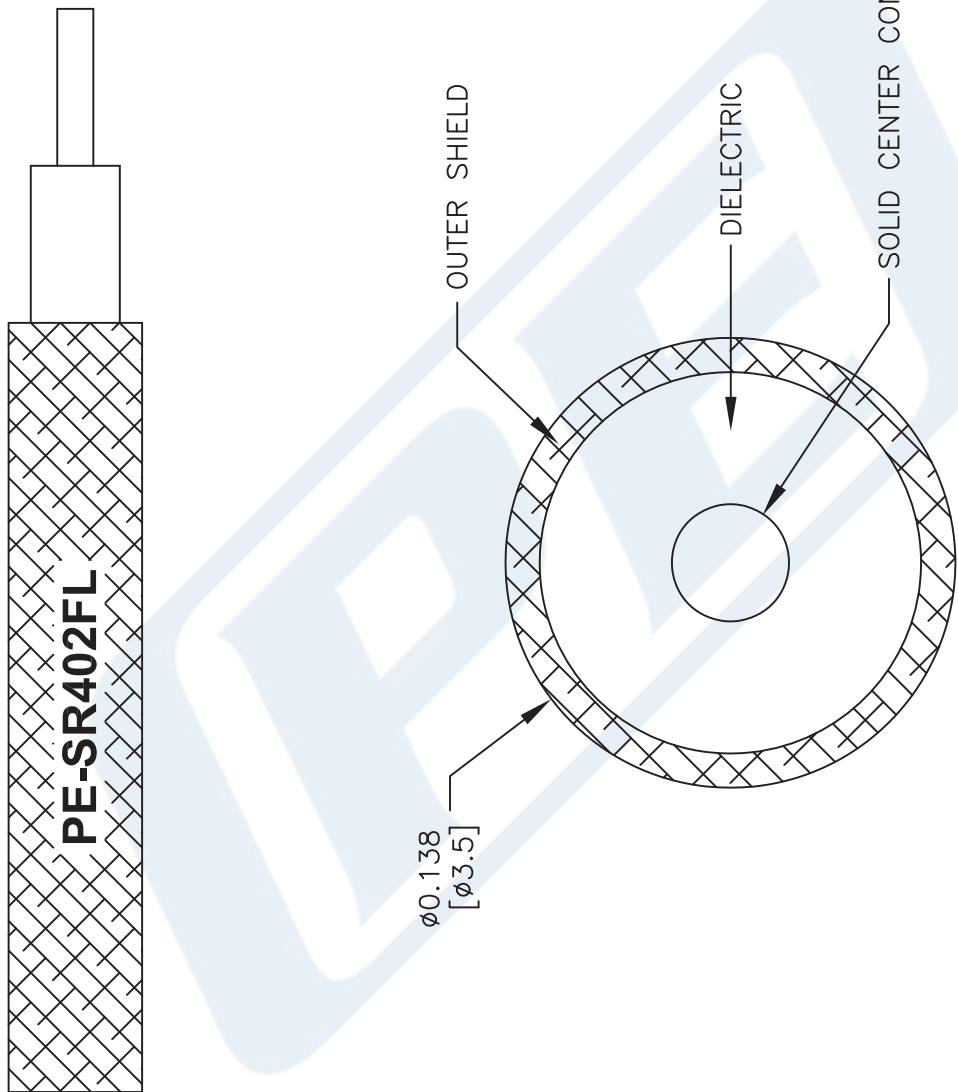
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URL: <https://www.pasternack.com/formable-0.141-semirigid-replacement-50-ohm-coax-cable-tinned-braid-pe-sr402fl-p.aspx>

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PE-SR402FL CAD Drawing

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