BMMA Female Connector Solder Attachment Snap in Mount for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405, RG405 Tinned, .085 Cable



PE5136

Configuration

- BMMA Female Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405, RG405 Tinned, .085 Cable
- Snap in

Features

- Max. Operating Frequency 22 GHz
- Good VSWR of 1.35:1
- Gold Plated Beryllium Copper Contact

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE5136 BMMA Connector is part of our full line of RF components available for same-day shipping. Our BMMA female connector operates up to a maximum frequency of 22 GHz and offers good VSWR of 1.35:1.

Our BMMA female connector PE5136 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			1.35:1	
Insertion Loss			0.562	dB
Impedance		50		Ohms

Mechanical Specifications

Size

Length	0.711 in [18.06 mm]
Width	0.3 in [7.62 mm]
Height	0.3 in [7.62 mm]
Weight	0.005 lbs [2.27 g]
Mating Cycles	500 Cycles

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold
Insulation	PTFE	
Outer Conductor	Beryllium Copper	Gold
Body	Stainless Steel	Gold

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PE5136

Environmental Specifications

Temperature

Operating Range	-65 to +165 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

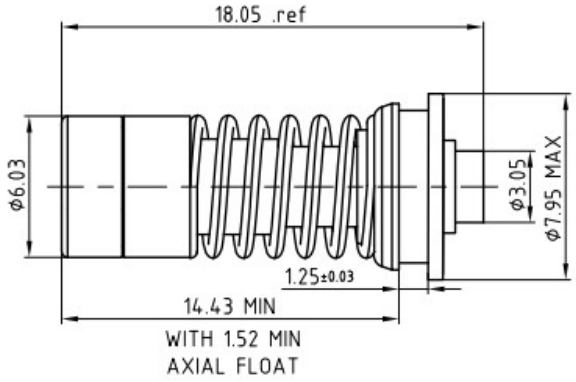
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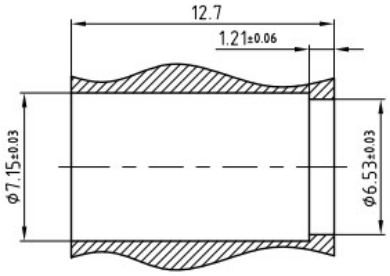
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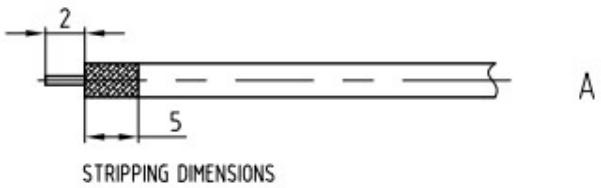


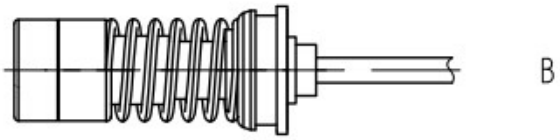
PE5136

Assembly Instruction









ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN IN (A). DO NOT NICK INNER CONDUCTOR.
2. PRE-TIN CABLE JACKET TO APPROXIMATE DIMENSION AS SHOWN IN (A).
3. INSERT CABLE THRU ADAPTER UNTIL IT BOTTOMS. SOLDER

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BMMA Female Connector Solder Attachment Snap in Mount for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405, RG405 Tinned, .085 Cable



PE5136

BMMA Female Connector Solder Attachment Snap in Mount for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405, RG405 Tinned, .085 Cable 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: BMMA Female Connector Solder Attachment Snap in Mount for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405, RG405 Tinned, .085 Cable PE5136

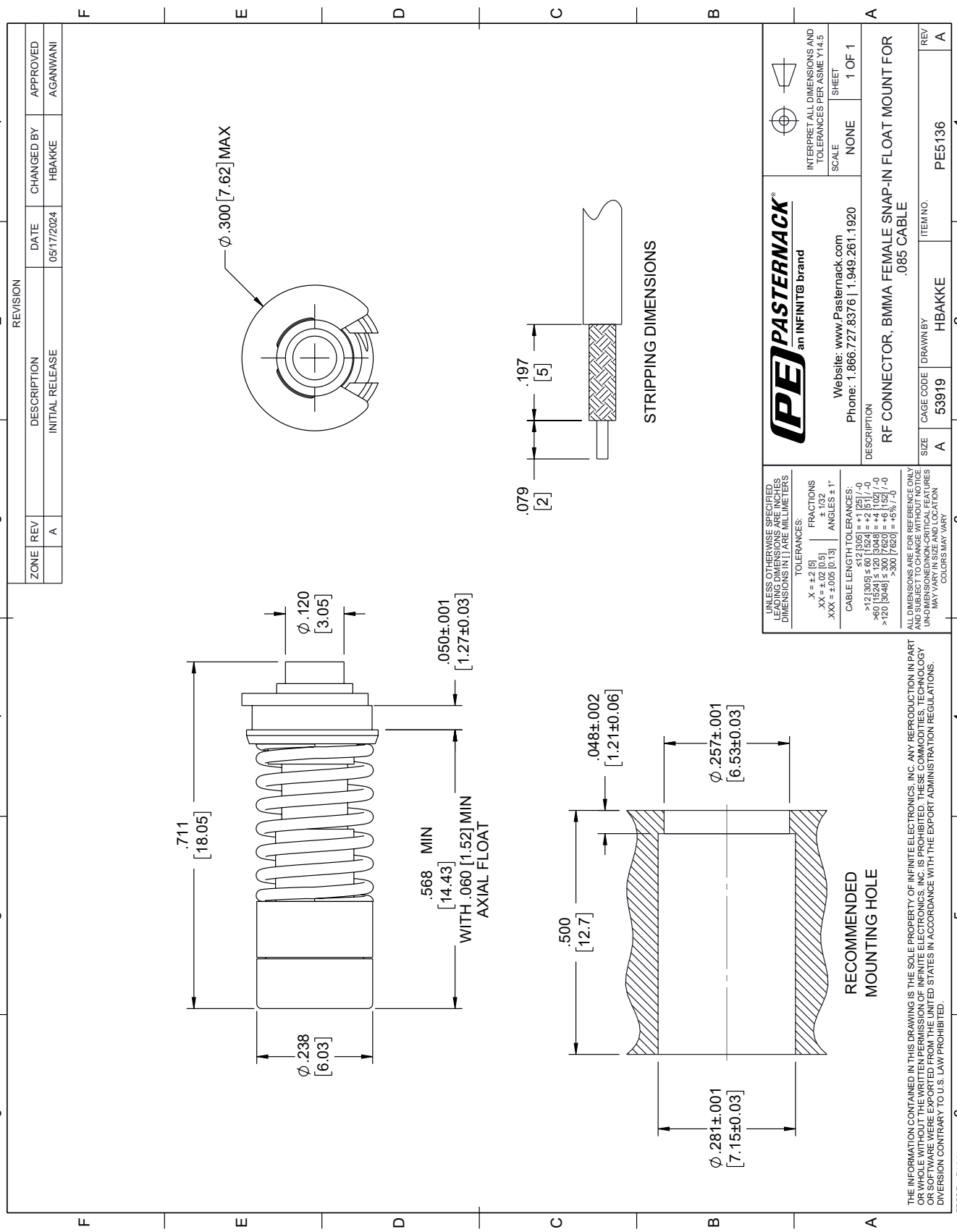
URL: https://www.pasternack.com/bmma-female-.085-cable-connector-pe5136-p.aspx

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PE5136 CAD Drawing

BMMA Female Connector Solder Attachment Snap in Mount for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405, RG405 Tinned, .085 Cable



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BMA Plug Bulkhead Mount Slide-On Connector Solder/ Non-Solder Contact Attachment for RG405, PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN



RF Connectors Technical Data Sheet PE45311

Configuration

- Slide-On BMA Plug Connector
- 50 Ohms
- Straight Body Geometry
- RG405, PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN Interface Type
- Solder/Non-Solder Contact Attachment
- Bulkhead
- 8 mm Hex

Features

- Max. Operating Frequency 22 GHz
- Good VSWR of 1.3:1
- Gold Plated Bronze Contact
- 51.18µ in. minimum contact plating
- Blind Mate Connector
- Low-Engagement Force

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 PE45311 BMA plug slide-on bulkhead connector with solder/non-solder contact attachment for RG405, PE-SR405AL, PE-SR405FL, PE-SR405FLJ and PE-SR405TN is part of our full line of RF components available for same-day shipping. Our BMA plug connector operates up to a maximum frequency of 22 GHz and offers good VSWR of 1.3:1. 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 bulkhead 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 plug bulkhead connector PE45311 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			1.3:1	
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 Plug Bulkhead Mount Slide-On Connector Solder/Non-Solder Contact Attachment for RG405, PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN PE45311

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BMA Plug Bulkhead Mount Slide-On Connector Solder/ Non-Solder Contact Attachment for RG405, PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN



RF Connectors Technical Data Sheet PE45311

Mechanical Specifications

Size

Length	0.7 in [17.78 mm]
Width/Dia.	0.315 in [8.00 mm]
Weight	0.008 lbs [3.63 g]
Mating Cycles	1,000 Cycles

Material Specifications

Description	Material	Plating
Contact	Bronze	Gold 51.18µ in. minimum
Insulation	PTFE	
Outer Conductor	Brass	Tri-Metal 78.74µ in. minimum
Body	Brass	Tri-Metal 78.74µ in. minimum
Washer	Brass	Nickel

Environmental Specifications

Temperature

Operating Range	-65 to +125 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 Plug Bulkhead Mount Slide-On Connector Solder/Non-Solder Contact Attachment for RG405, PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN PE45311

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BMA Plug Bulkhead Mount Slide-On Connector Solder/ Non-Solder Contact Attachment for RG405, PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

BMA Plug Bulkhead Mount Slide-On Connector Solder/Non-Solder Contact Attachment for RG405, PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN 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-plug-slide-on-rg405-pe-sr405al-pe-sr405fl-pe-sr405flj-connector-pe45311-p.aspx

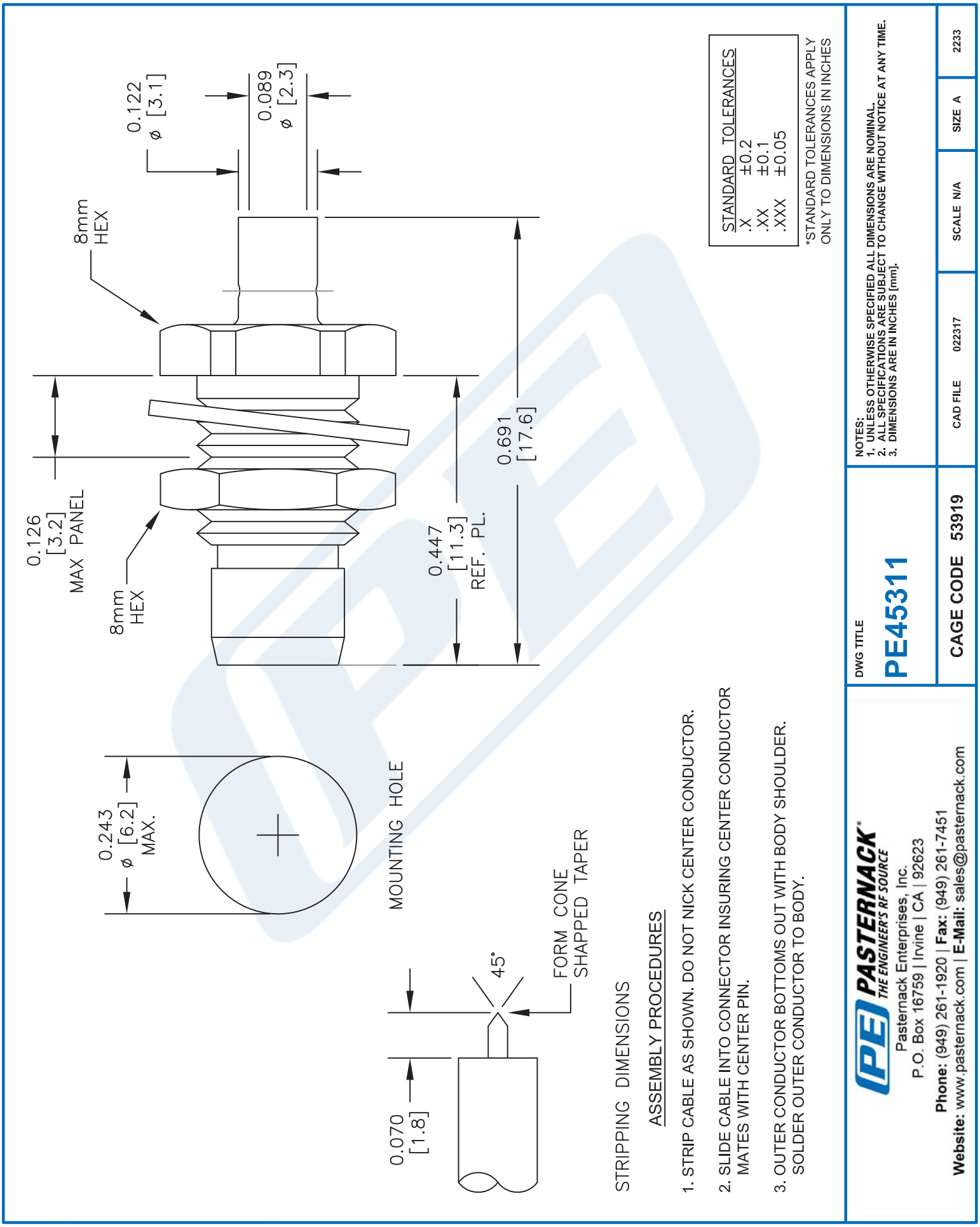
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PE45311 CAD Drawing

BMA Plug Bulkhead Mount Slide-On Connector Solder/Non-Solder Contact
Attachment for RG405, PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN



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Formable 086 Semi-rigid Coax Cable with Tinned Copper Braid Outer Conductor

RF Cables Technical Data Sheet PE-SR405FL

Configuration

- Formable Cable
- 1 Shield(s)

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		%
Inner Conductor DC Resistance			65.7	Ohms/1000ft
Outer Conductor DC Resistance			10.2	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	15	22.5	54.9	81.2	120	dB/100ft
	49.21	73.82	180.12	266.4	393.7	dB/100m

Mechanical Specifications

Min. Bend Radius (Repeated)	0.78 in [19.81 mm]

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: Formable 086 Semi-rigid Coax Cable with Tinned Copper Braid Outer Conductor PE-SR405FL

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Formable 086 Semi-rigid Coax Cable with Tinned Copper Braid Outer Conductor

RF Cables Technical Data Sheet PE-SR405FL

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper Clad Steel, Silver, 1 Strands	0.02 in [0.51 mm]
Conductor Type	Solid	
Dielectric	PTFE	0.062 in [1.57 mm]
Outer Conductor	Copper, Tin	0.085 in [2.16 mm]

Environmental Specifications

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Formable 086 Semi-rigid Coax Cable with Tinned Copper Braid Outer Conductor 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: Formable 086 Semi-rigid Coax Cable with Tinned Copper Braid Outer Conductor PE-SR405FL

URL: https://www.pasternack.com/formable-0.085-semirigid-replacement-50-ohm-coax-cable-tinned-braid-pe-sr405fl-p.aspx

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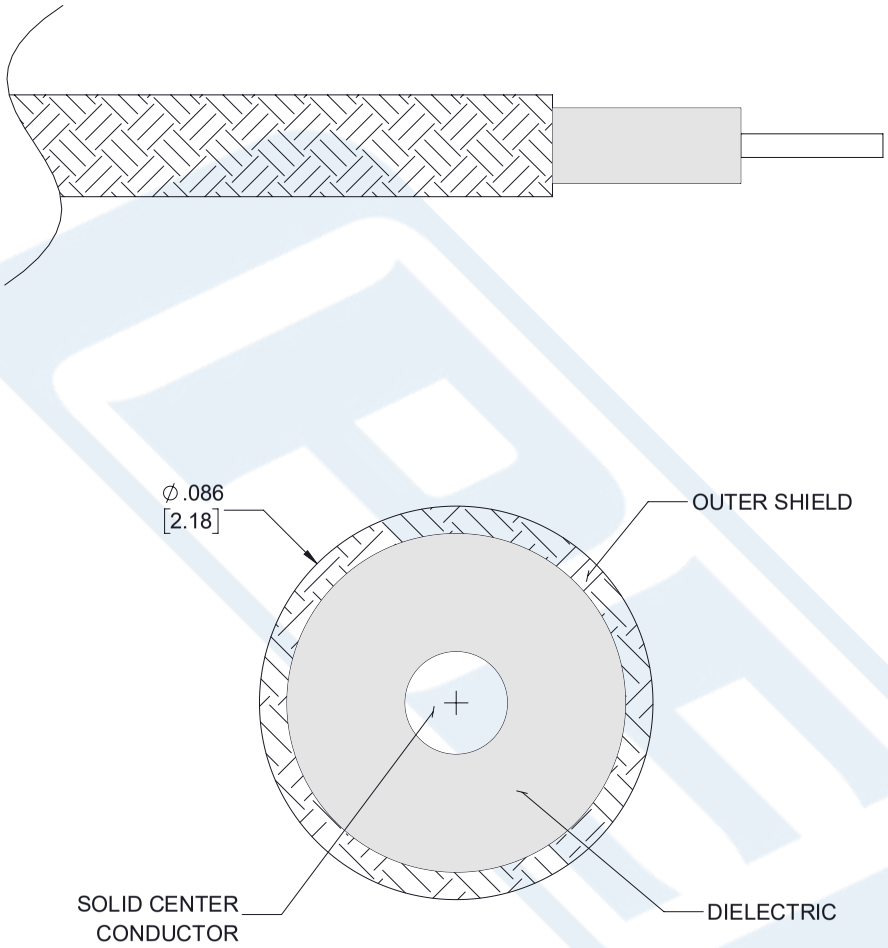
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PE-SR405FL CAD Drawing

Formable 086 Semi-rigid Coax Cable with Tinned Copper Braid Outer Conductor



STANDARD TOLERANCES	
.X	±0.2
.XX	±0.01
.XXX	±0.005

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

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DWG TITLE

PE-SR405FL

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].

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