



## SMA Male Bulkhead Mount Low PIM Connector Solder Attachment for PE-SR402FL, PE-SR402FLJ, RG402, PE-SR402AL

### RF Connectors Technical Data Sheet

**PE45835**

#### Configuration

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

#### Features

- Max. Operating Frequency 6 GHz
- Excellent VSWR of 1.2:1
- PIM levels lower than -155 dBc
- Silver Plated Beryllium Copper Contact

#### Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Wireless Communications
- Custom Cable Assemblies
- Low PIM Applications

#### Description

Pasternack's PE45835 SMA male bulkhead 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 SMA male connector operates up to a maximum frequency of 6 GHz and offers excellent VSWR of 1.2:1. The SMA male connector also has low passive intermodulation of -155 dBc. This SMA 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 SMA male bulkhead connector PE45835 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
VSWR			1.2:1	
Passive Intermodulation			-155	dBc
Dielectric Withstanding Voltage (AC)			750	Vrms

#### Mechanical Specifications

<b>Size</b>	
Length	0.71 in [18.03 mm]
Width/Dia.	0.36 in [9.14 mm]
Height	0.36 in [9.14 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male Bulkhead Mount Low PIM Connector Solder Attachment for PE-SR402FL, PE-SR402FLJ, RG402, PE-SR402AL PE45835](#)



## SMA Male Bulkhead Mount Low PIM Connector Solder Attachment for PE-SR402FL, PE-SR402FLJ, RG402, PE-SR402AL

### RF Connectors Technical Data Sheet

**PE45835**

Weight 0.008 lbs [3.63 g]

#### Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Silver
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:

SMA Male Bulkhead Mount 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.

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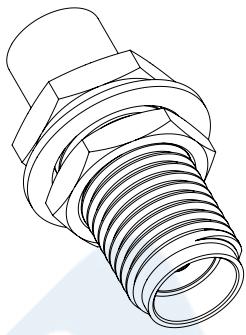
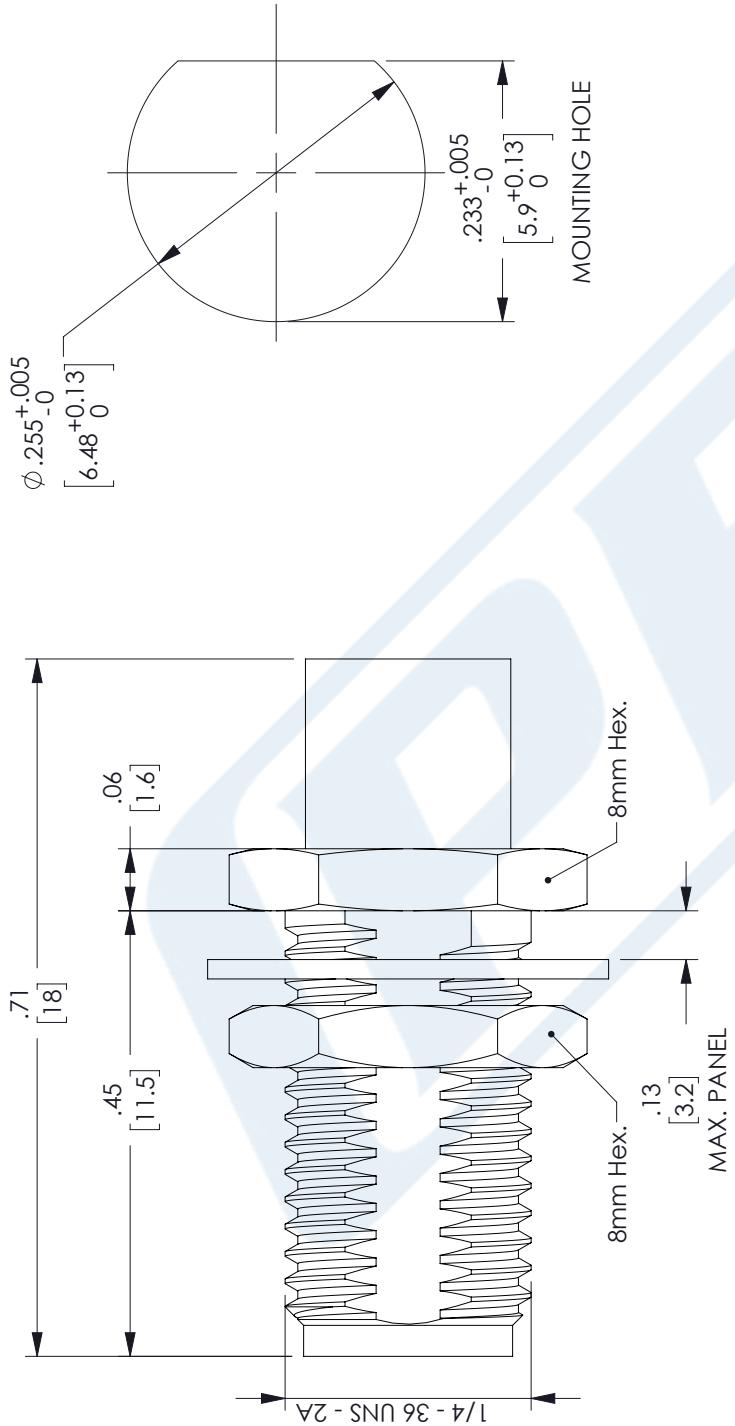
URL: <https://www.pasternack.com/sma-male-pe-sr402fl-pe-sr402flj-rg402-pe-sr402al-connector-pe45835-p.aspx>

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PE45835 CAD Drawing

## SMA Male Bulkhead Mount Low PIM Connector Solder Attachment for PE-SR402FL, PE-SR402FLJ, RG402, PE-SR402AL

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	8/16/2022	AGANWANI



STRIPPING DIMENSIONS

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SIZE	CAGE CODE	DRAWN BY	ITEM NO.	PE45835	
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<p>Pasternack Enterprises, Inc. P.O.Box 16759, Irvine, CA 92623. Phone: 1.949.261.1920   1.866.727.8376 Fax: 1.949.261.7451 Website: <a href="http://www.pasternack.com">www.pasternack.com</a> E-mail: <a href="mailto:sales@pasternack.com">sales@pasternack.com</a></p>					

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#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
VSWR			1.2:1	
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Dielectric Withstanding Voltage (AC)			750	Vrms

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Description	Material	Plating
Contact	Beryllium Copper	Silver
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:

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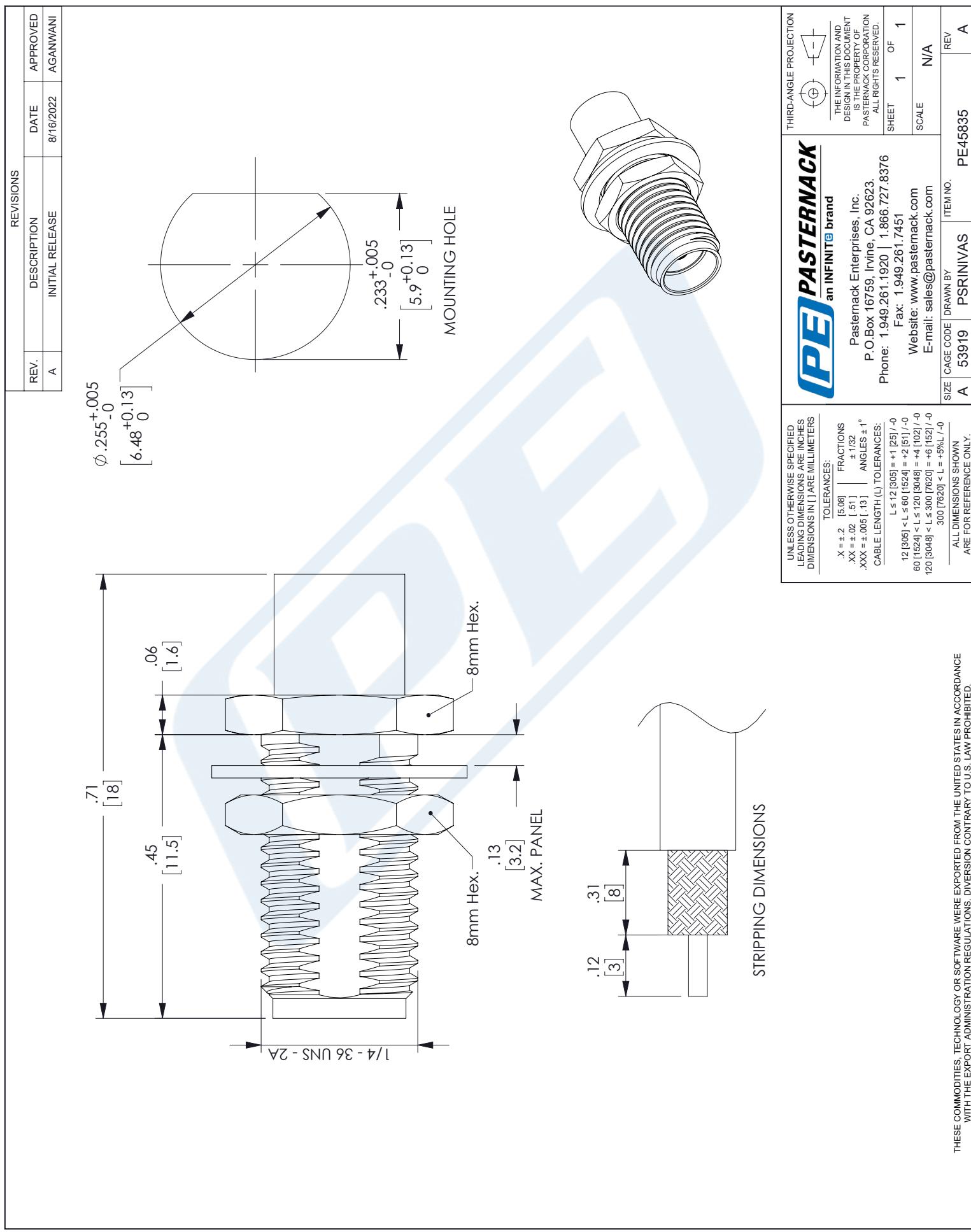
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# PE45835 CAD Drawing

SMA Male Bulkhead Mount Low PIM Connector Solder Attachment  
for PE-SR402FL, PE-SR402FLJ, RG402, PE-SR402AL



## 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.

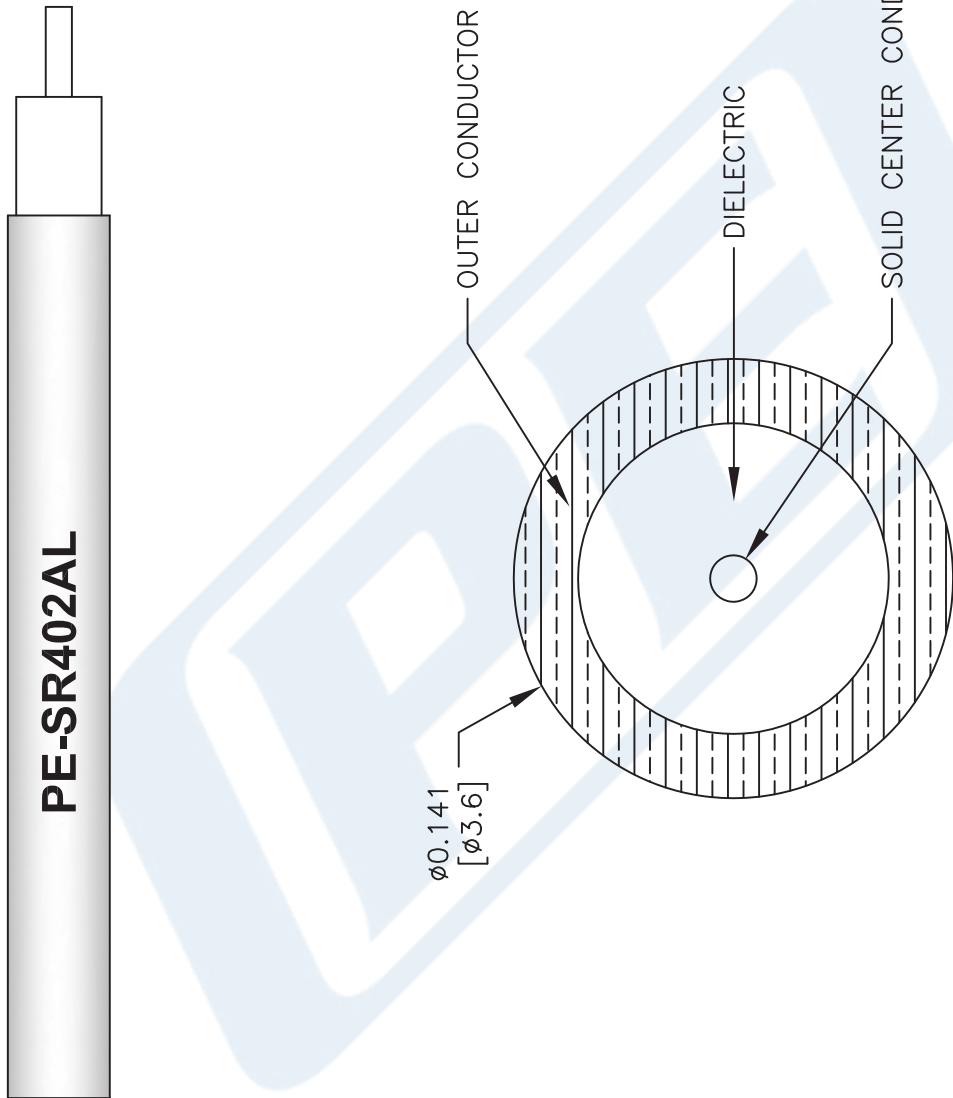
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [141 Semi-rigid Coax Cable with Tinned Aluminum PE-SR402AL](#)

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



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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