



SSMA Female Bulkhead Connector Solder  
Attachment For PE-034SR, .177 inch D Hole

TECHNICAL DATA SHEET

PE44428

**SSMA Female Bulkhead Connector Solder Attachment For PE-034SR, .177 inch D Hole**

**Configuration**

Connector	SSMA Female
Connector Specification	MIL-C-39012
Connector Interface Type	PE-034SR
Cable Attachment Method (Shield/Contact)	Solder/Solder
Body Style	Straight
Mount Method	Bulkhead

**Electrical Specifications**

Impedance, Ohms	50
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**Mechanical Specifications**

**Temperature**

Operating Range, deg C	-65 to +165
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**Size**

Length, in [mm]	0.685 [17.4]
Width/Dia., in [mm]	0.375 [9.53]
Weight, lbs [g]	0.008 [3.63]

**Connector**

Type	SSMA Female
Contact Material and Plating	Gold
Contact Plating Specification	MIL-G-45204
Body Material and Plating	Brass, Gold
Body Plating Specification	MIL-G-45204
Dielectric Type	Teflon

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant	Yes
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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SSMA Female Bulkhead Connector Solder Attachment For PE-034SR, .177 inch D Hole PE44428](#)

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**Plotted and Other Data**

Notes:

Values at 25 °C, sea level

SSMA Female Bulkhead Connector Solder Attachment For PE-034SR, .177 inch D Hole from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

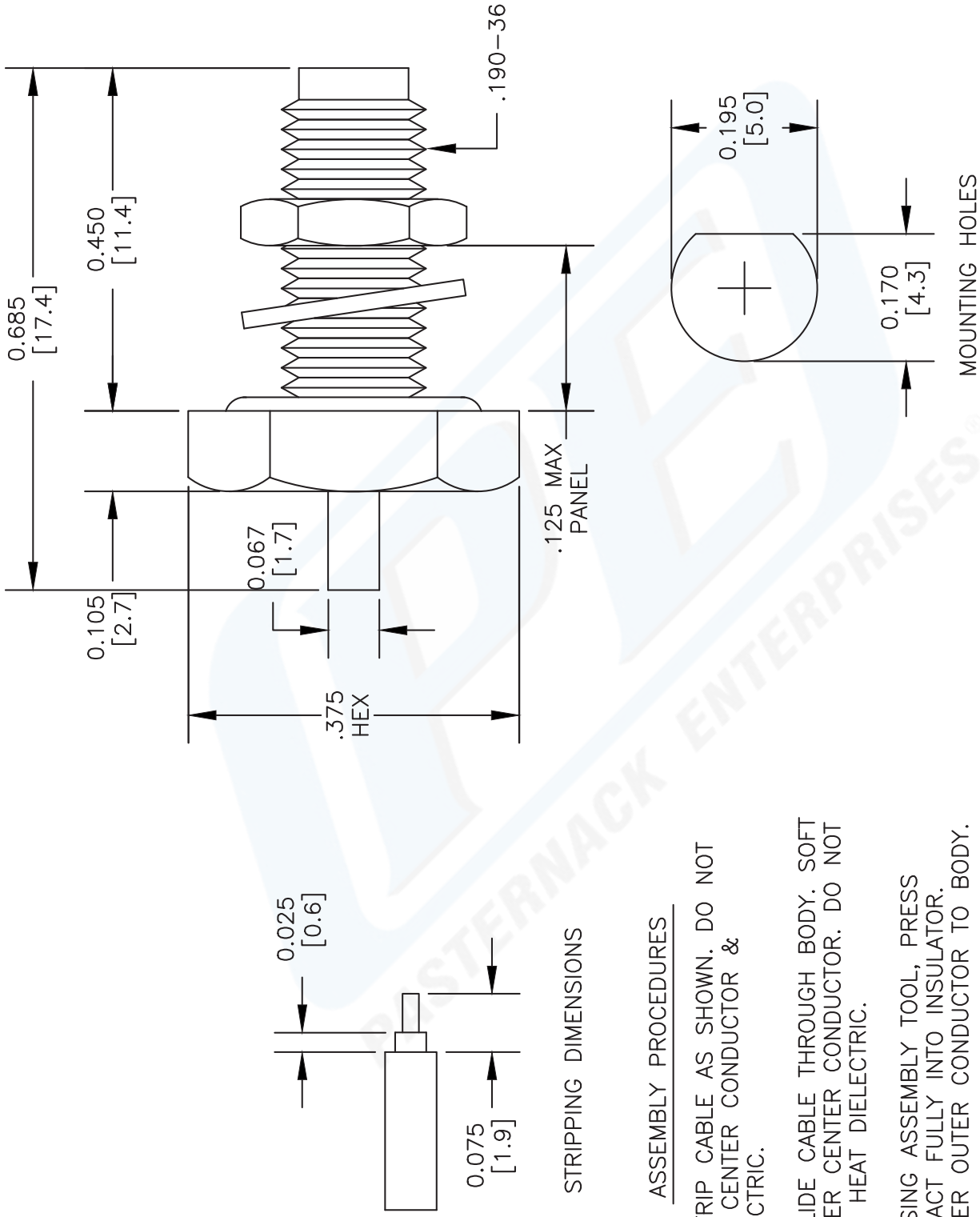
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SSMA Female Bulkhead Connector Solder Attachment For PE-034SR, .177 inch D Hole PE44428](http://www.pasternack.com/ssma-female-standard-pe-034sr-connector-pe44428-p.aspx)

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# PE44428 CAD Drawing

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 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].  
 4. FITS MIL-C-17 AND EQUIVALENT CABLES.

**DWG TITLE**  
**PE44428**

**FSCM NO. 53919**

**SIZE A**

**SCALE N/A**

**CAD FILE 040213-A**

**XXXX**

**PE PASTERNAK®**  
 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



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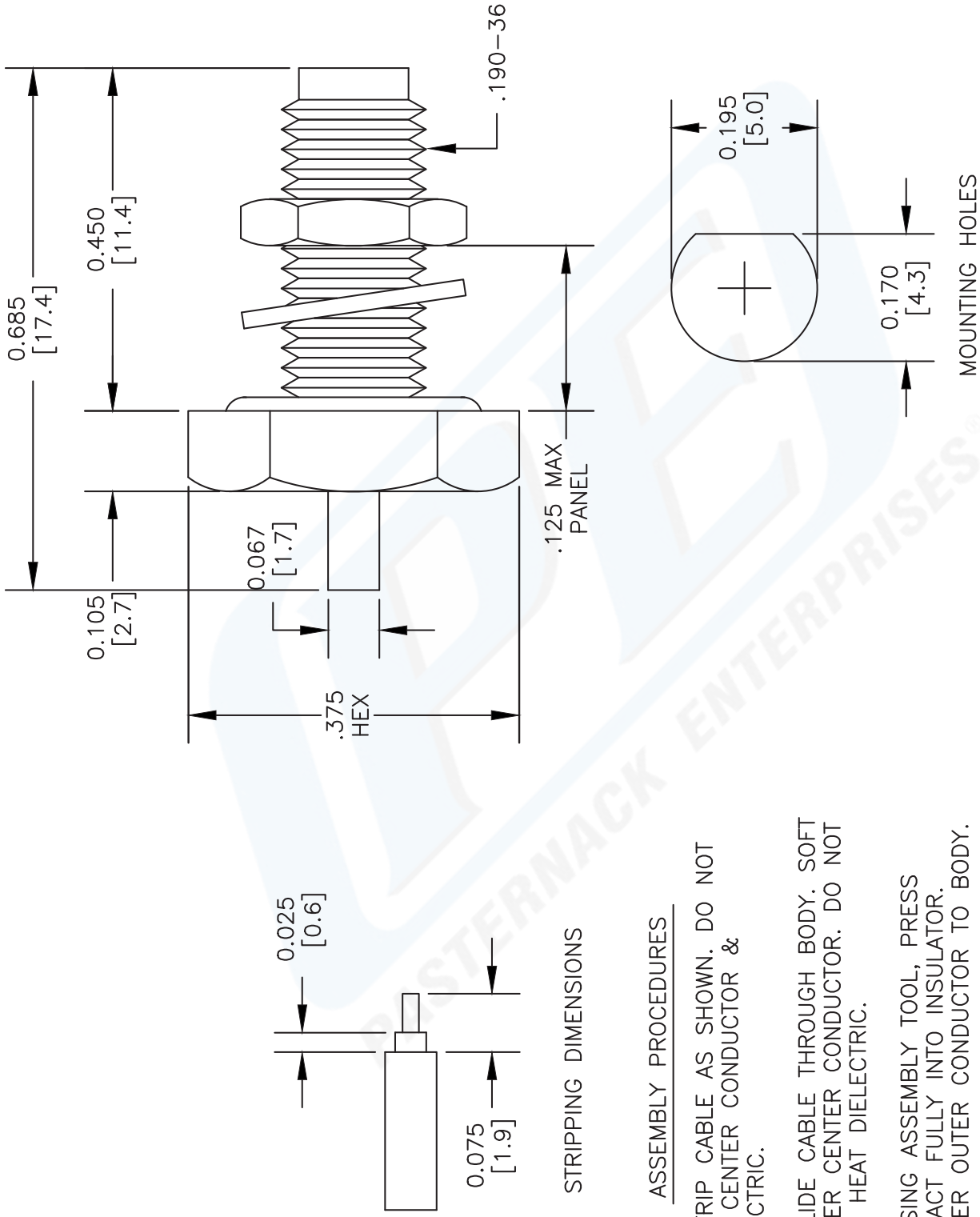
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## ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN. DO NOT NICK CENTER CONDUCTOR & DIELECTRIC.
2. SLIDE CABLE THROUGH BODY. SOFT SOLDER CENTER CONDUCTOR. DO NOT OVER HEAT DIELECTRIC.
3. USING ASSEMBLY TOOL, PRESS CONTACT FULLY INTO INSULATOR. SOLDER OUTER CONDUCTOR TO BODY.

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DWG TITLE		FSCM NO. 53919
PE44428		

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## 034 Semi-rigid Coax Cable with Copper Outer Conductor

## TECHNICAL DATA SHEET

PE-034SR

## 034 Semi-rigid Coax Cable with Copper Outer Conductor

**Configuration**

Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Shield Materials	Copper
Jacket Material and Color	Tan

**Electrical Specifications**

Impedance, Ohms	50
Maximum Operating Frequency, GHz	40
Maximum Operating Voltage, Volts	2,000

**Electrical Specifications by Frequency****Frequency 1**

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	60 [196.85]
Power Handling, Watts	10

**Frequency 2**

Frequency, GHz	10
Attenuation, dB/100ft [dB/100m]	190 [623.36]
Power Handling, Watts	3.1

**Frequency 3**

Frequency, GHz	20
Attenuation, dB/100ft [dB/100m]	280 [918.64]
Power Handling, Watts	2

**Mechanical Specifications****Temperature**

Operating Range, deg C	-55 to +100
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**Inner Conductor**

Number of Strands	1
Material	Copper Clad Steel
Plating	Silver
Diameter, in [mm]	0.008 [0.2]

**Dielectric:**

Type	PTFE
Diameter, in [mm]	0.026 [0.66]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [034 Semi-rigid Coax Cable with Copper Outer Conductor PE-034SR](#)

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## 034 Semi-rigid Coax Cable with Copper Outer Conductor

## TECHNICAL DATA SHEET

PE-034SR

**Shield:**

Number of	1
Material 1	Copper
Diameter, in [mm]	0.034 [0.86]

**Jacket:**

Color	Tan
One Time Minimum Bend Radius, in [mm]	0.5 [12.7]
Weight, lbs/ft [Kg/m]	0.002 [0]

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant	Yes
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**Plotted and Other Data**

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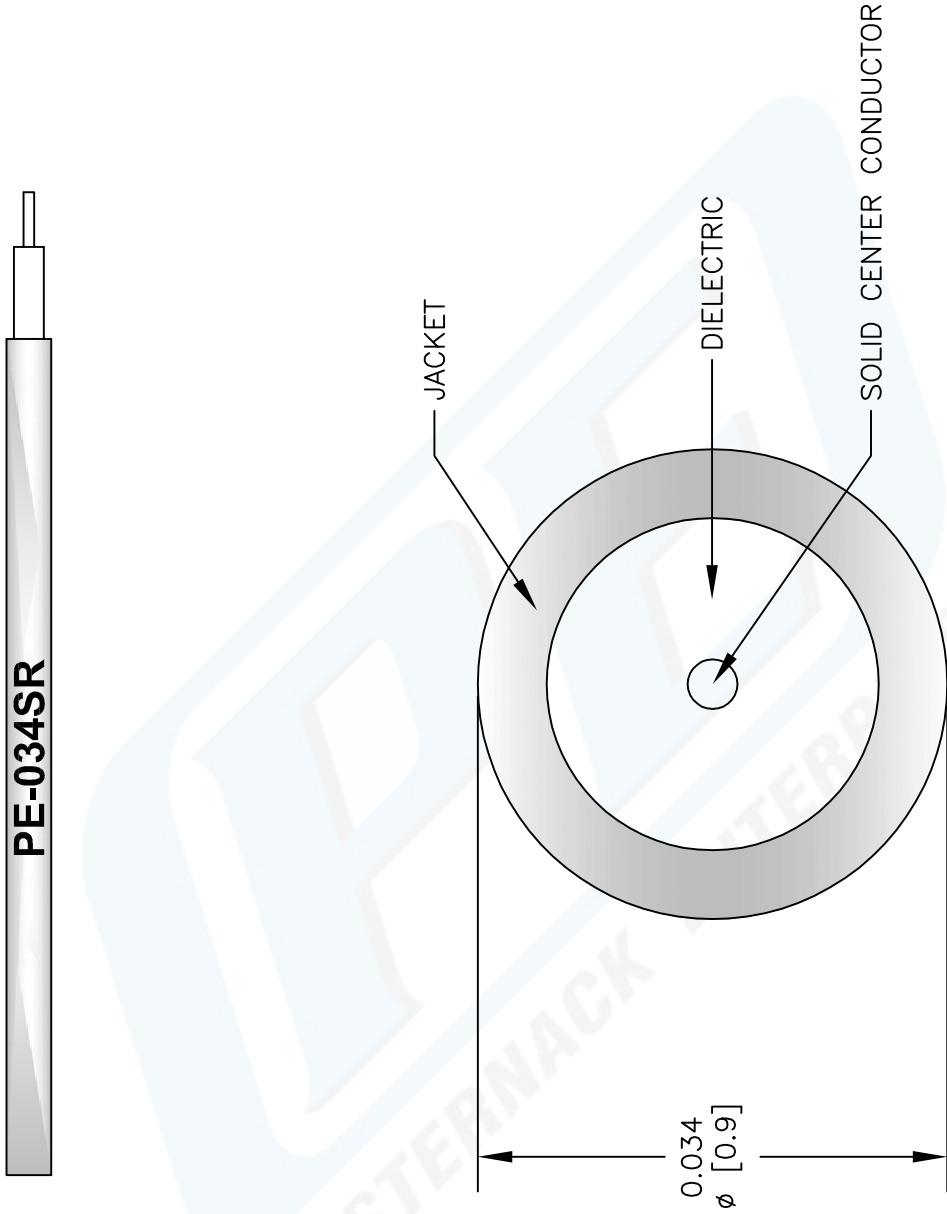
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URL: <http://www.pasternack.com/semirigid-0.034-50-ohm-coax-cable-copper-pe-034sr-p.aspx>

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DWG TITLE

PE-034SR

REV. A

FSCM NO. 53919

SCALE N/A

SIZE A

147

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