PASTERNACK®
THE ENGINEER'S RF SOURCE



Mini SMP Female Connector Solder Attachment for PE-047SR, PE-SR047FL

TECHNICAL DATA SHEET PE44971

Configuration

Connector	Mini SMP Female
Connector Specification	MIL-STD-348
Connector Interface Type	PE-047SR, PE-SR047FL
Attachment Method (Shield/Contact)	Solder
Body Style	Straight

Electrical Specifications

Impedance	50 Ohms

Mechanical Specifications

Size

Length	0.29 in [7.37 mm]
Width/Dia.	0.125 in [3.18 mm]
Weight	0.082 lbs [37.19 g]

Connector

Type	Mini SMP Female
Contact Material and Plating	Beryllium Copper, Gold
Contact Plating Specification	MIL-G-45204
Body Material and Plating	Beryllium Copper, Gold
Body Plating Specification	MIL-G-45204
Dielectric Type	PTFE

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Mini SMP Female Connector Solder Attachment for PE-047SR, PE-SR047FL PE44971

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
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Mini SMP Female Connector Solder Attachment for PE-047SR, PE-SR047FL

Plotted and Other Data

Notes:

- Values at +25 °C, sea level

Mini SMP Female Connector Solder Attachment for PE-047SR, PE-SR047FL from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

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URL: http://www.pasternack.com/mini-smp-female-standard-pe-047sr-pe-sr047fl-connector-pe44971-p.aspx

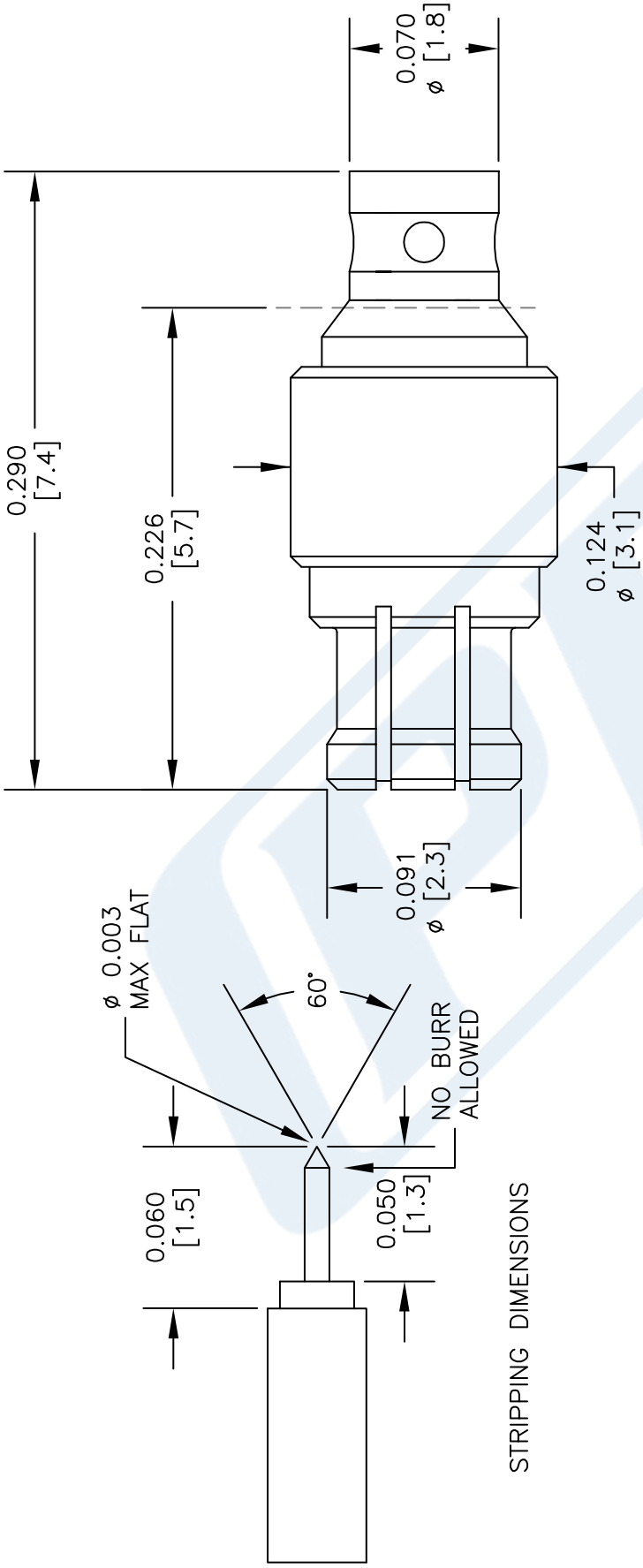
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PE44971 CAD Drawing

Mini SMP Female Connector Solder Attachment for PE-047SR, PE-SR047FL



NOTES:
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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	CAD FILE	SCALE	SIZE
PE44971	110413	N/A	A

FSCM NO. 53919

150

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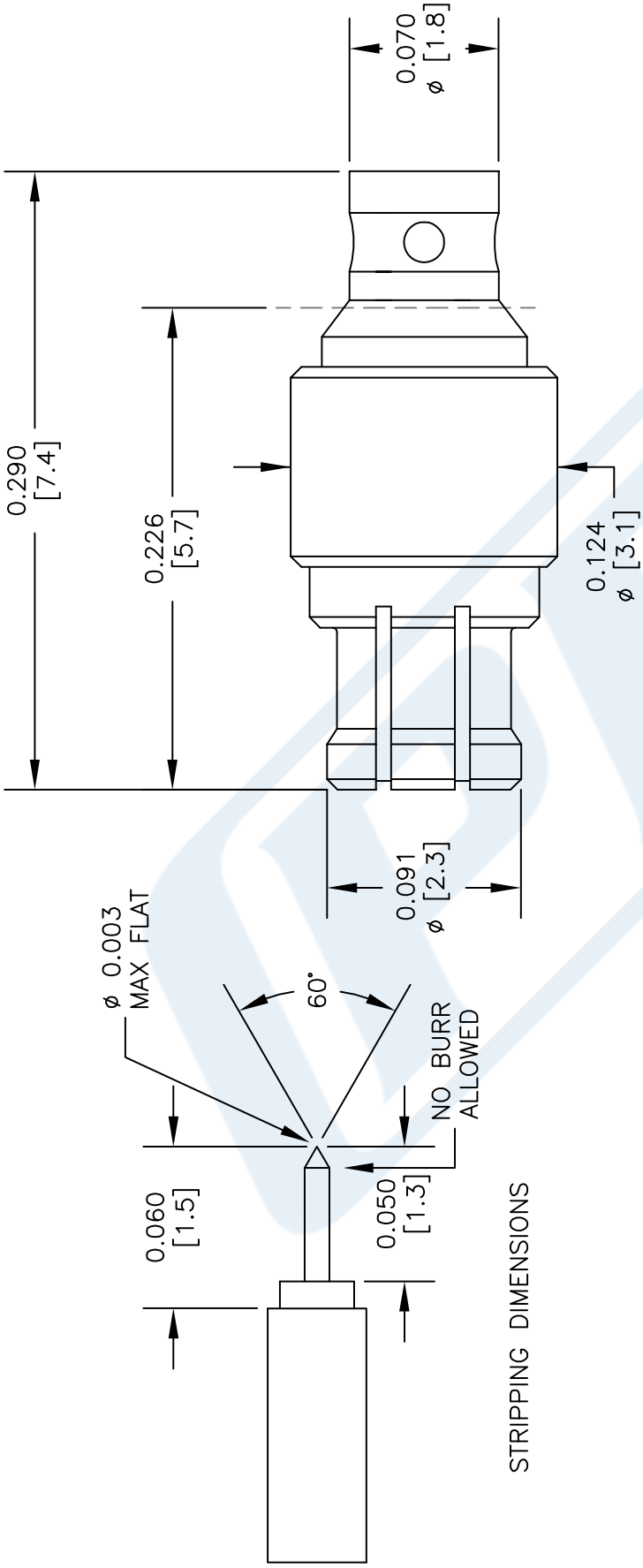
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PE44971	110413	N/A	A

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Formable 047 Semi-rigid Coax Cable with Tinned Copper Braid Outer Conductor

TECHNICAL DATA SHEET PE-SR047FL

Formable 047 Semi-rigid Coax Cable with Tinned Copper Braid Outer Conductor

Configuration

Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Shield Materials	Tinned Copper Braid

Electrical Specifications

Impedance, Ohms	50
Maximum Operating Frequency, GHz	20
Capacitance, pF/ft [pF/m]	32 [104.99]

Electrical Specifications by Frequency

Frequency 1

Frequency, MHz	500
Attenuation, dB/100ft [dB/100m]	25 [82.02]

Frequency 2

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	36 [118.11]

Frequency 3

Frequency, GHz	3
Attenuation, dB/100ft [dB/100m]	65 [213.25]

Frequency 4

Frequency, GHz	5
Attenuation, dB/100ft [dB/100m]	86 [282.15]

Mechanical Specifications

Temperature

Operating Range, deg C	-40 to +100

Inner Conductor

Number of Strands	1
Material	Copper Clad Steel
Plating	Silver
Diameter, in [mm]	0.011 [0.28]

Dielectric:

Type	PTFE
Diameter, in [mm]	0.034 [0.86]

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: Formable 047 Semi-rigid Coax Cable with Tinned Copper Braid Outer Conductor PE-SR047FL

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Formable 047 Semi-rigid Coax Cable with Tinned Copper Braid Outer Conductor

TECHNICAL DATA SHEET PE-SR047FL

Shield:	
Number of	1
Material 1	Tinned Copper Braid
Jacket:	
Diameter, in [mm]	0.047 [1.19]

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant	Yes

Plotted and Other Data

Notes:	Values at 25 °C, sea level

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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: Formable 047 Semi-rigid Coax Cable with Tinned Copper Braid Outer Conductor PE-SR047FL

URL: http://www.pasternack.com/formable-0.047-semirigid-replacement-50-ohm-coax-cable-tinned-braid-pe-sr047fl-p.aspx

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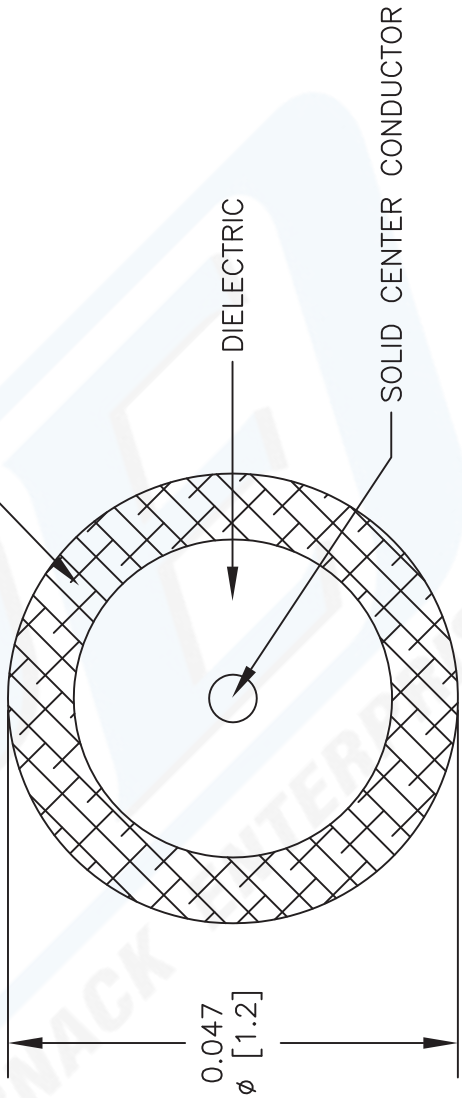
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PE-SR047FL CAD Drawing

Formable 047 Semi-rigid Coax Cable with Tinned Copper Braid Outer Conductor





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CAD FILE	SCALE	SIZE
050113	N/A	A

DWG TITLE: **PE-SR047FL**

FSCM NO. 53919

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