PASTERNACK
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SHV Plug Connector Crimp/Solder Attachment for RG55, RG142, RG223, RG400

RF Connectors
Technical Data Sheet

PE4497

Configuration

- SHV Plug Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG55, RG142, RG223, RG400

Features

- Max. Operating Frequency 300 MHz
- Gold Plated Brass Contact
- 30 µinches minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4497 SHV plug connector with crimp/solder attachment for RG55, RG142, RG223 and RG400 is part of our full line of RF components available for same-day shipping. Our SHV plug connector operates up to a maximum frequency of 300 MHz.

Our SHV plug connector PE4497 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		300	MHz
Operating Voltage (AC)			1,400	Vrms

Mechanical Specifications

Size

Length	1.78 in [45.21 mm]
Width/Dia.	0.571 in [14.50 mm]
Weight	0.027 lbs [12.25 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SHV Plug Connector Crimp/Solder Attachment for RG55, RG142, RG223, RG400 PE4497

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
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Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 µinches minimum
Insulation	Teflon	
Body	Brass	Nickel 100 µinches minimum

Environmental Specifications

Temperature

Operating Range	-65 to +165 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

SHV Plug Connector Crimp/Solder Attachment for RG55, RG142, RG223, RG400 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: SHV Plug Connector Crimp/Solder Attachment for RG55, RG142, RG223, RG400 PE4497

URL: https://www.pasternack.com/shv-plug-rg55-rg142-rg223-rg400-connector-pe4497-p.aspx

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

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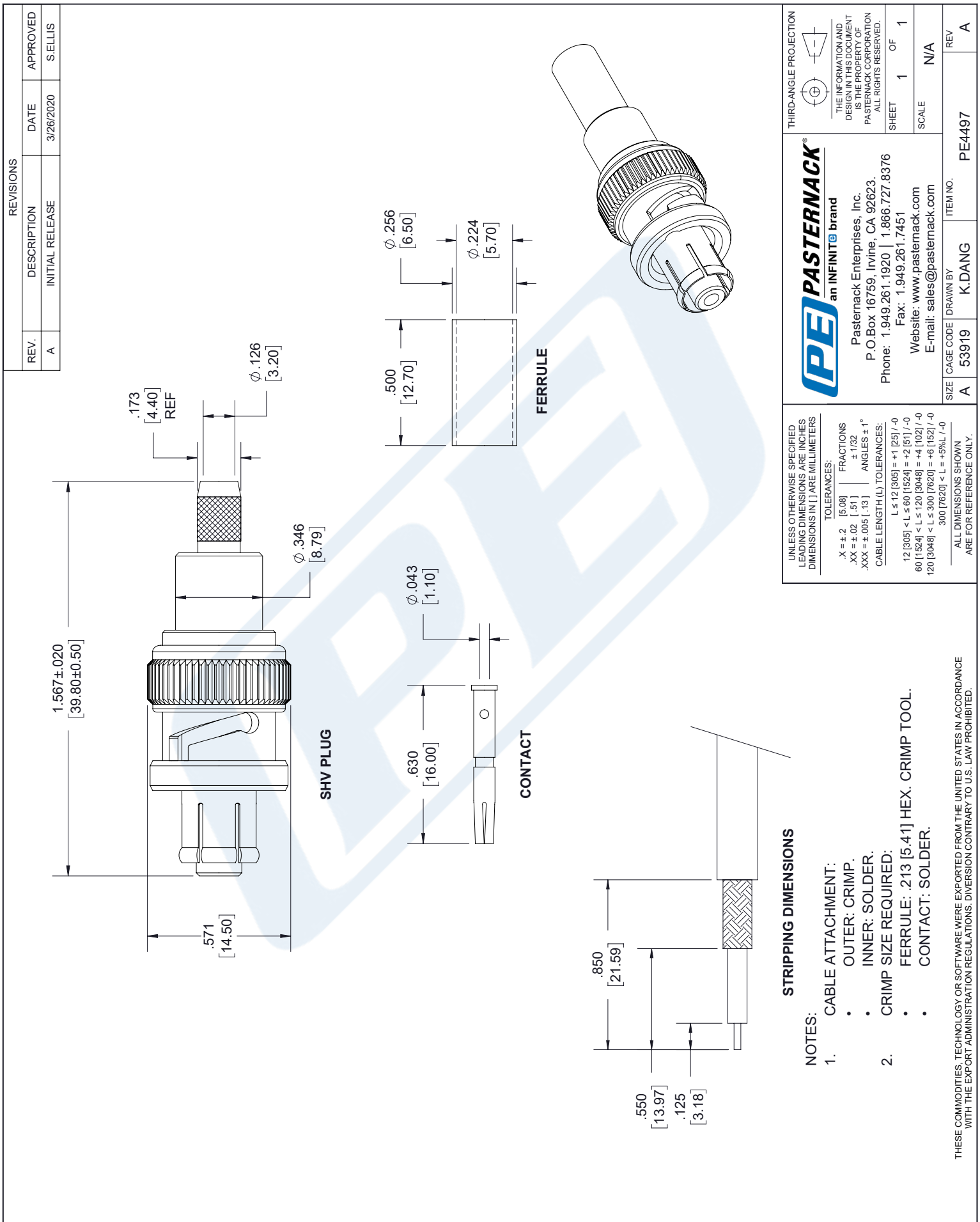
PE4497 CAD Drawing

SHV Plug Connector Crimp/Solder Attachment for RG55, RG142, RG223, RG400



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Banana Plug Connector Crimp/Solder Attachment for RG55, RG142, RG223, RG400

RF Connectors
Technical Data Sheet

PE4089

Configuration

- Banana Plug Connector
- Straight Body Geometry
- Connector Interface Types: RG55, RG142, RG223, RG400

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4089 Banana plug connector with crimp/solder attachment for RG55, RG142, RG223 and RG400 is part of our full line of RF components available for same-day shipping.

Our Banana plug connector PE4089 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.

Mechanical Specifications

Weight	0.048 lbs [21.77 g]

Material Specifications

Description	Material	Plating
Body	Brass	Nickel

Environmental Specifications

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Banana Plug Connector Crimp/Solder Attachment for RG55, RG142, RG223, RG400 PE4089

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Banana Plug Connector Crimp/Solder Attachment for RG55, RG142, RG223, RG400

RF Connectors
Technical Data Sheet

PE4089

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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: Banana Plug Connector Crimp/Solder Attachment for RG55, RG142, RG223, RG400 PE4089

URL: https://www.pasternack.com/banana-plug-rg55-rg142-rg223-rg400-connector-pe4089-p.aspx

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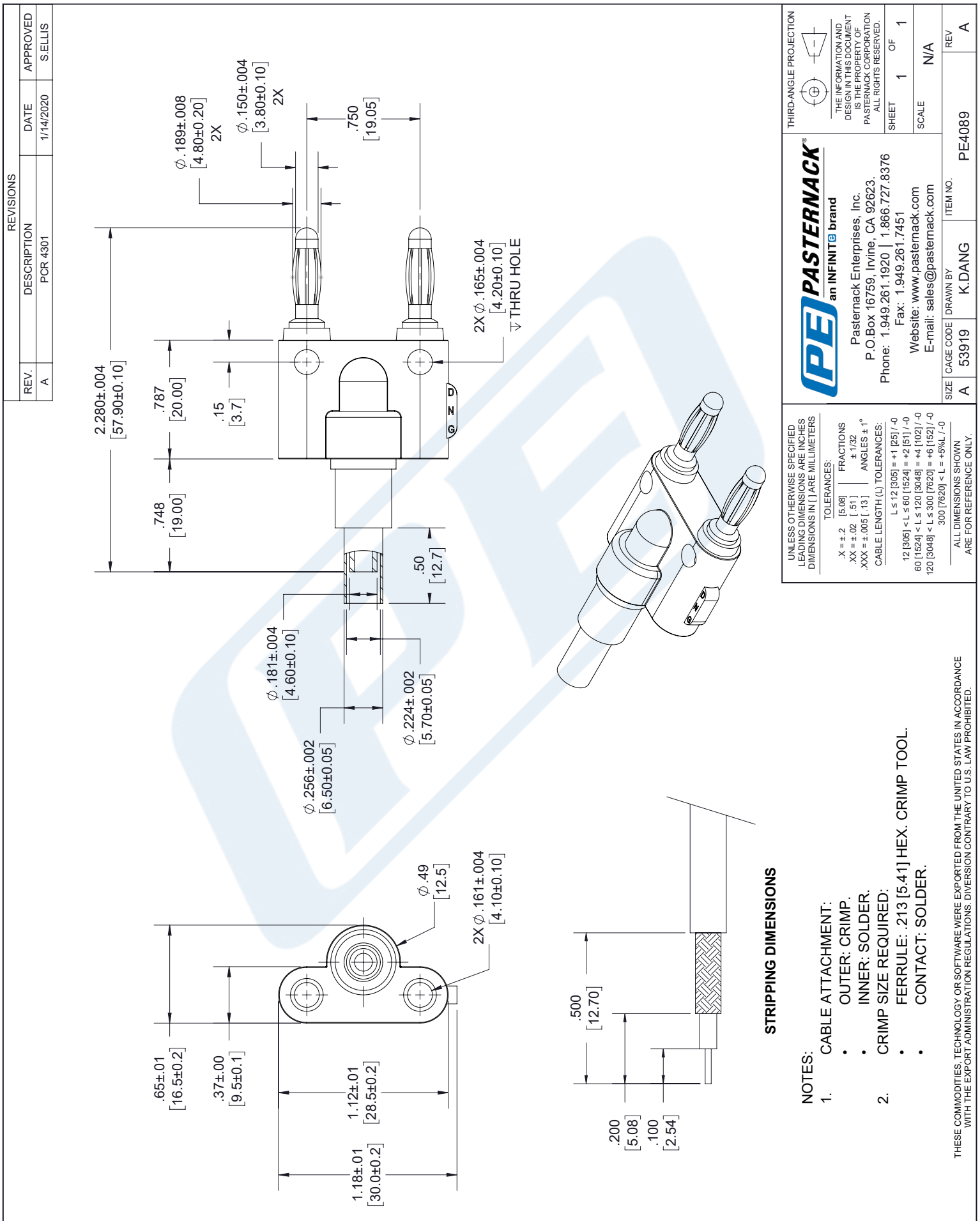
PE4089 CAD Drawing

Banana Plug Connector Crimp/Solder Attachment for RG55, RG142, RG223, RG400



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PASTERNACK®
THE ENGINEER'S RF SOURCE

Flexible RG223 Coax Cable Double Shielded with Black PVC Jacket

TECHNICAL DATA SHEET RG223/U

Configuration

Inner Conductor Material and Plating	Copper, Silver
Dielectric Type	PE
Shield Materials	Silver Plated Copper Braid, Silver Plated Copper Braid
Jacket Material and Color	PVC, Black

Electrical Specifications

Impedance, Ohms	50
Velocity of Propagation, %	66
Maximum Operating Frequency, GHz	12.4
Capacitance, pF/ft [pF/m]	30.8 [101.05]
Maximum Operating Voltage, Volts	1,900

Electrical Specifications by Frequency

Frequency 1

Frequency, MHz	100
Attenuation, dB/100ft [dB/100m]	4 [13.12]

Frequency 2

Frequency, MHz	400
Attenuation, dB/100ft [dB/100m]	8.2 [26.9]

Frequency 3

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	13.4 [43.96]

Frequency 4

Frequency, GHz	3
Attenuation, dB/100ft [dB/100m]	24.8 [81.36]

Frequency 5

Frequency, GHz	5
Attenuation, dB/100ft [dB/100m]	33.5 [109.91]

Frequency 6

Frequency, GHz	11
Attenuation, dB/100ft [dB/100m]	54.1 [177.49]

Mechanical Specifications

Temperature

Operating Range, deg C	-20 to +80

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Flexible RG223 Coax Cable Double Shielded with Black PVC Jacket RG223/U

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Flexible RG223 Coax Cable Double Shielded with Black PVC Jacket

TECHNICAL DATA SHEET RG223/U

Inner Conductor	
Number of Strands	1
Material	Copper
Plating	Silver
Diameter, in [mm]	0.035 [0.89]
Dielectric:	
Type	PE
Diameter, in [mm]	0.116 [2.95]
Shield:	
Number of	2
Material 1	Silver Plated Copper Braid
Material 2	Silver Plated Copper Braid
Diameter, in [mm]	0.156 [3.96]
Jacket:	
Material	PVC
Diameter, in [mm]	0.21 [5.33]
Color	Black
One Time Minimum Bend Radius, in [mm]	0.21 [5.33]
Repeated Minimum Bend Radius, in [mm]	1 [25.4]
Weight, lbs/ft [Kg/m]	0.038 [0.06]

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

RoHS Compliant	
REACH Compliant	06/18/2012

Plotted and Other Data

Notes:

- Values at +25 °C, sea level

Flexible RG223 Coax Cable Double Shielded with Black PVC Jacket 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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Flexible RG223 Coax Cable Double Shielded with Black PVC Jacket RG223/U

URL: http://www.pasternack.com/flexible-0.216-rg223-50-ohm-coax-cable-pvc-jacket-rg223-u-p.aspx

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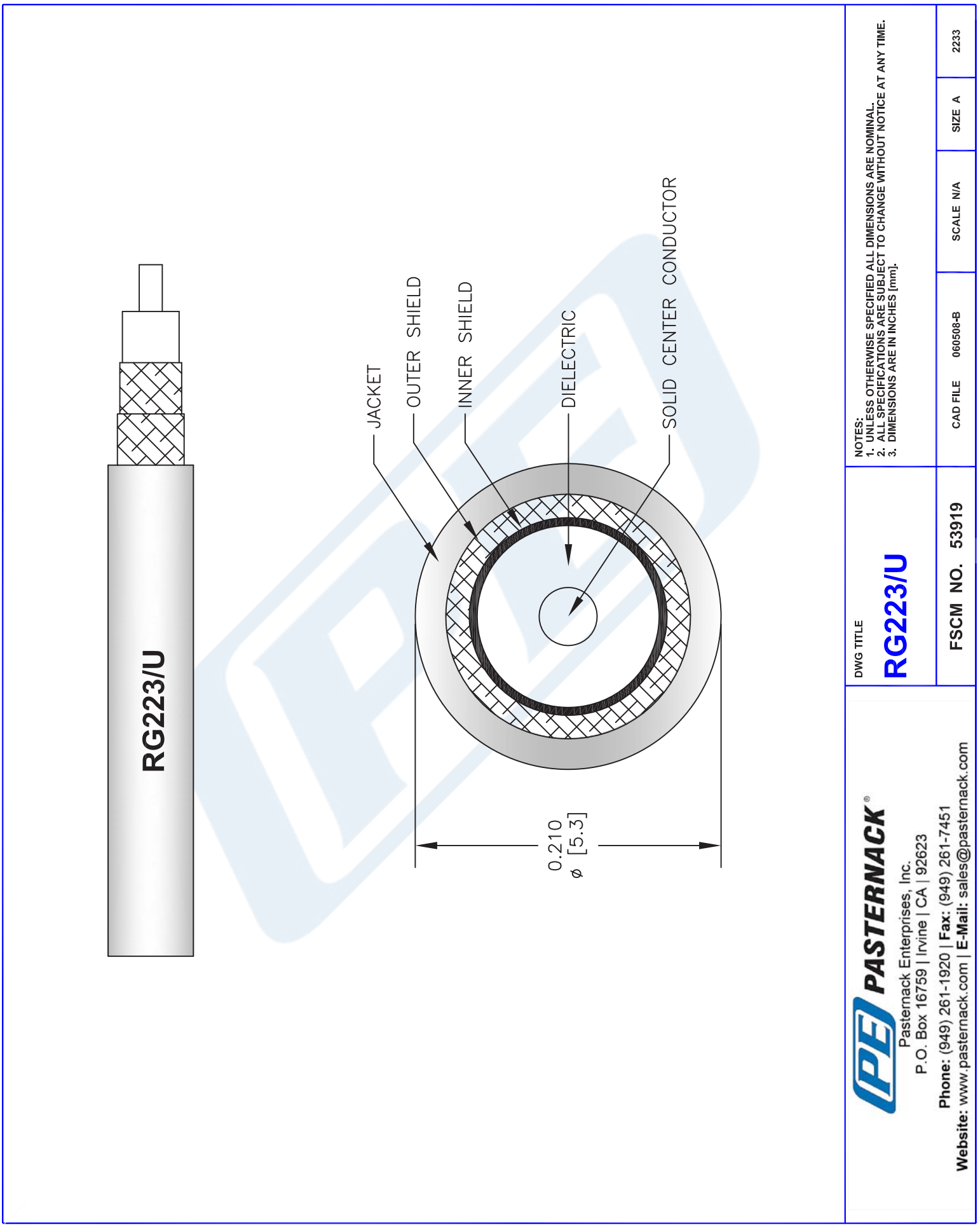
RG223/U CAD Drawing

Flexible RG223 Coax Cable Double Shielded with Black PVC Jacket



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