PASTERNACK®
THE ENGINEER'S RF SOURCE

N Female Connector Clamp/Solder (Captive Contact) Attachment for RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216, RG215

RF Connectors Technical Data Sheet PE4059

Configuration

- N Female Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216, RG215 Interface Type
- Clamp/Solder (Captive Contact) Attachment

Features

- Silver Plated Contact
- Contact plating according to QQ-S-365

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4059 type N female connector with clamp/solder (captive contact) attachment for RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216 and RG215 is part of our full line of RF components available for same-day shipping.

Our type N female connector PE4059 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

Size

Length	1.56 in [39.62 mm]
Width/Dia.	0.75 in [19.05 mm]
Weight	0.108 lbs [48.99 g]

Material Specifications

Description	Material	Plating
Contact		Silver QQ-S-365
Insulation	PTFE	
Body	Brass	Nickel QQ-N-290

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: N Female Connector Clamp/Solder (Captive Contact) Attachment for RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216, RG215 PE4059

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Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
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N Female Connector Clamp/Solder (Captive Contact) Attachment for RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216, RG215

Environmental Specifications

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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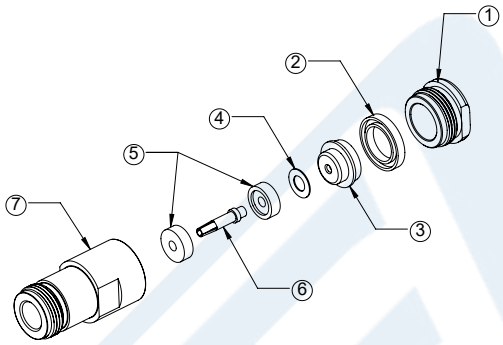
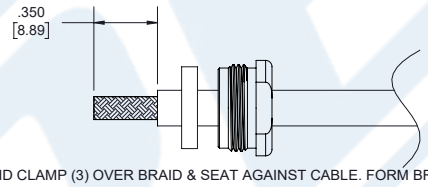
Assembly Instruction



1. SLIDE CLAMP NUT (1), GASKET (2) AND WASHER (3) OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. TAPER END OF BRAID TO PERMIT ASSEMBLY OF CLAMP.



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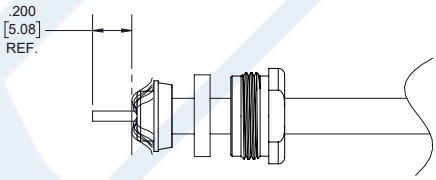

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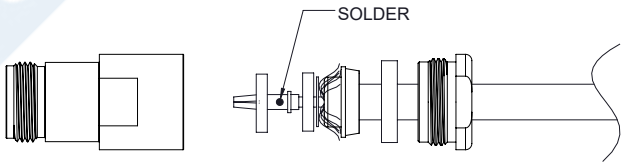

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RF Connectors Technical Data Sheet PE4059

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URL: https://www.pasternack.com/n-female-standard-rg213-rg214-rg8-rg9-rg11-rg225-rg393-connector-pe4059-p.aspx

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PE4059 CAD Drawing

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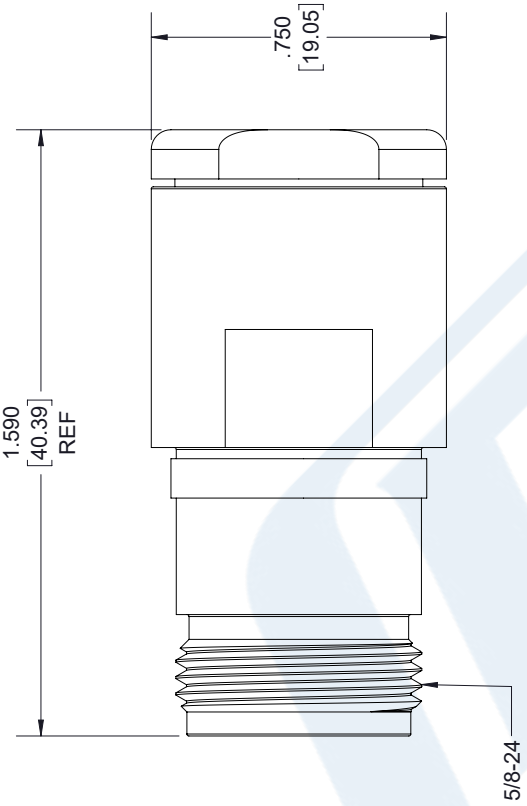

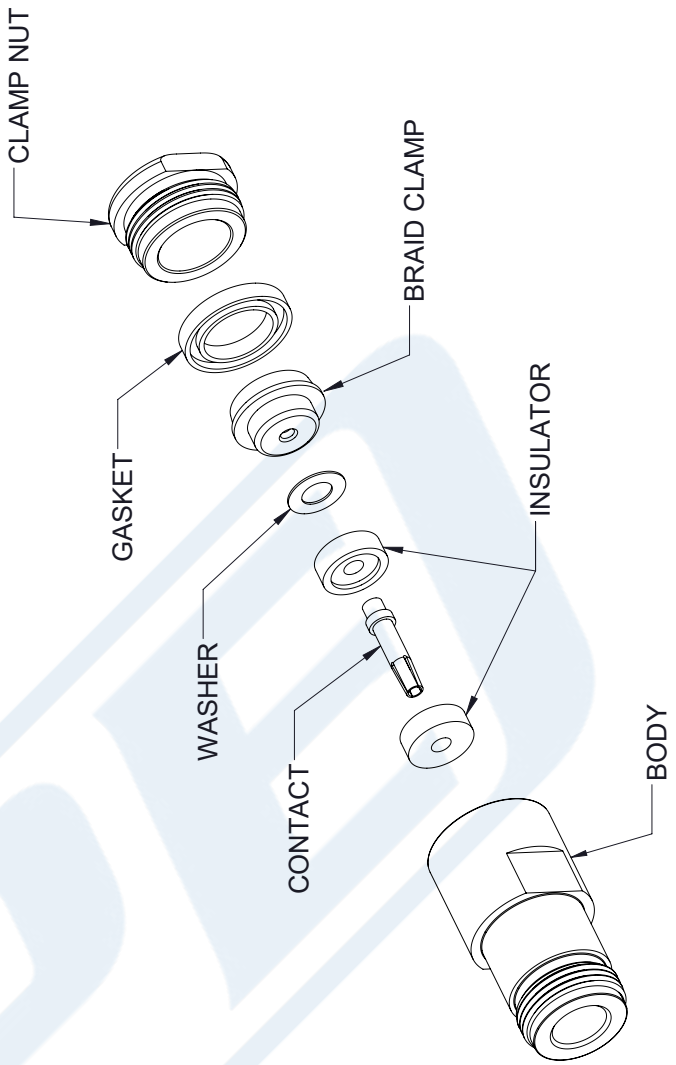

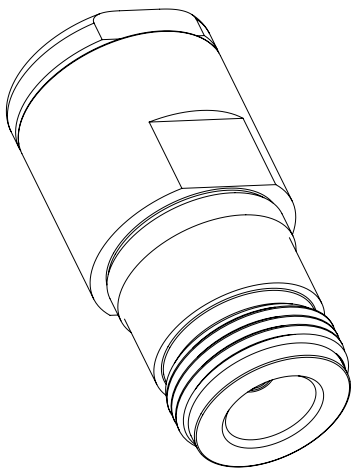

STANDARD TOLERANCES
.X ±0.2
.XX ±0.01
.XXX ±0.005

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

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DWG TITLE PE4059

CAD FILE 090517

SCALE N/A

SIZE A

7361

CAGE CODE 53919

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Configuration

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Mechanical Specifications

Size

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Width/Dia.	0.75 in [19.05 mm]
Weight	0.108 lbs [48.99 g]

Material Specifications

Description	Material	Plating
Contact		Silver QQ-S-365
Insulation	PTFE	
Body	Brass	Nickel QQ-N-290

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Environmental Specifications

Compliance Certifications (see product page for current document)

Plotted and Other Data

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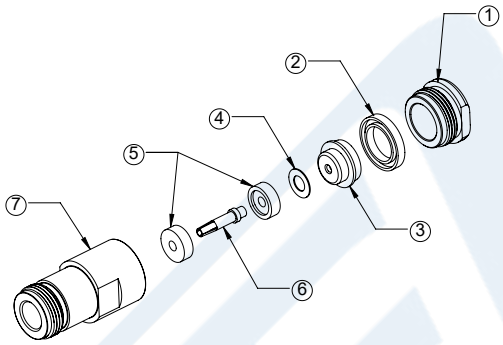

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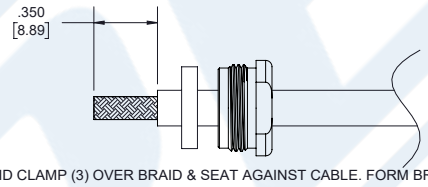

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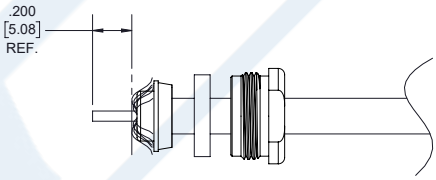

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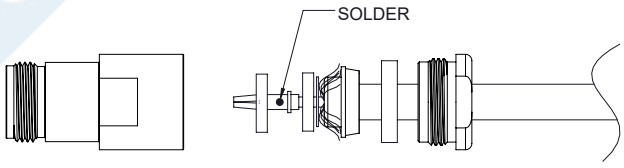

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URL: https://www.pasternack.com/n-female-standard-rg213-rg214-rg8-rg9-rg11-rg225-rg393-connector-pe4059-p.aspx

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PE4059 CAD Drawing

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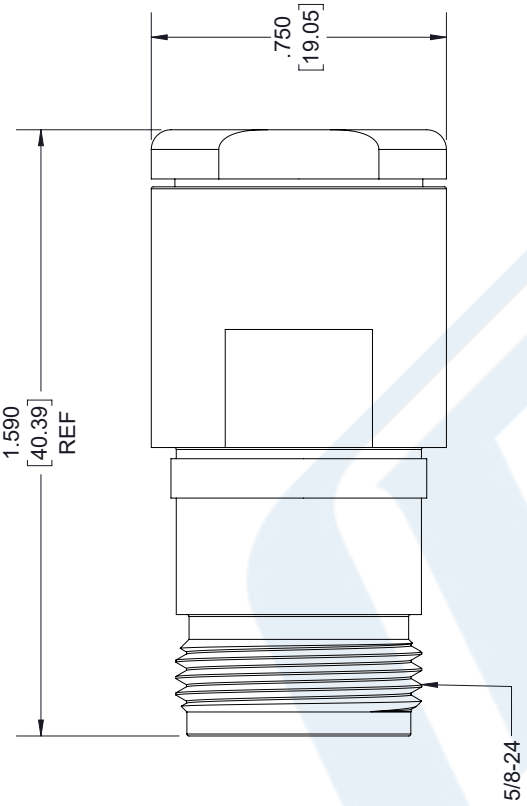

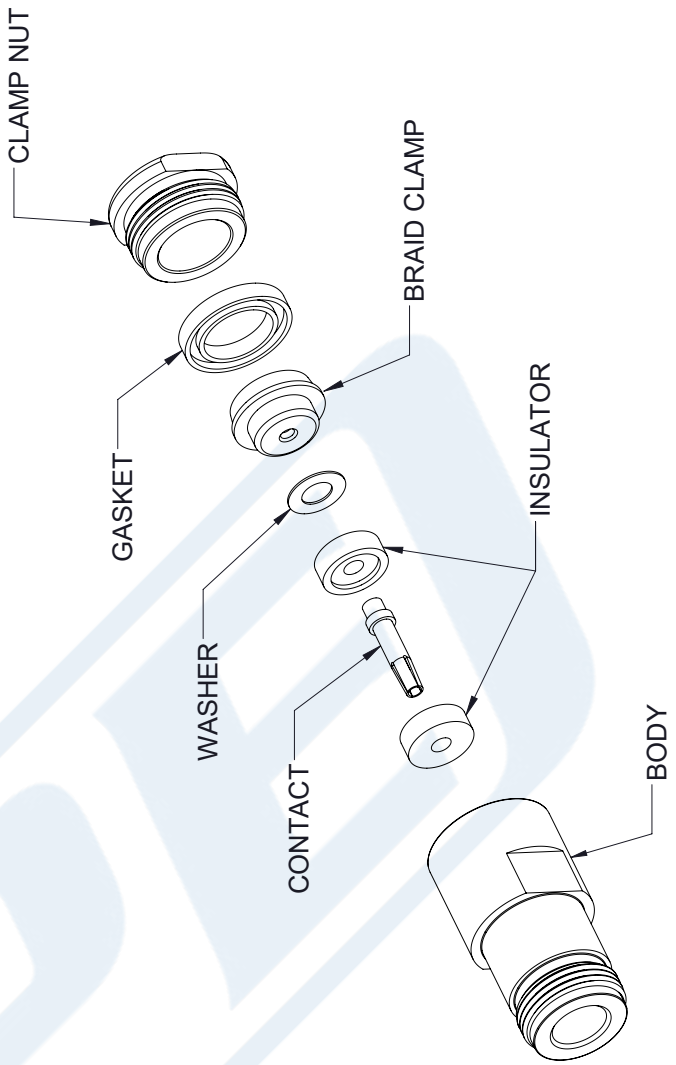

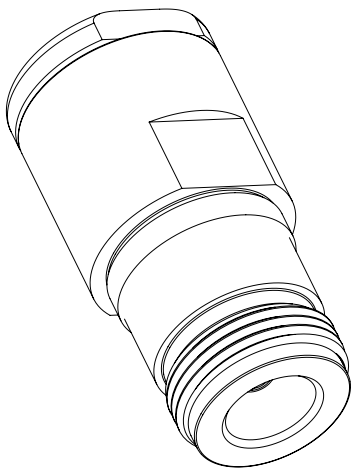

STANDARD TOLERANCES
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DWG TITLE PE4059

CAD FILE 090517

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SIZE A

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CAGE CODE 53919

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Flexible RG213 Coax Cable Single Shielded with Black PVC Jacket

TECHNICAL DATA SHEET RG213/U

Configuration

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

Electrical Specifications

Impedance, Ohms	50
Velocity of Propagation, %	66
Maximum Operating Frequency, MHz	1000
Capacitance, pF/ft [pF/m]	30.8 [101.05]

Electrical Specifications by Frequency

Frequency 1

Frequency, MHz	100
Attenuation, dB/100ft [dB/100m]	2.1 [6.89]

Frequency 2

Frequency, MHz	400
Attenuation, dB/100ft [dB/100m]	4.8 [15.75]

Frequency 3

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	8 [26.25]

Mechanical Specifications

Inner Conductor

Number of Strands	7
Material	Copper
Diameter, in [mm]	0.09 [2.29]

Dielectric:

Type	PE
Diameter, in [mm]	0.285 [7.24]

Shield:

Number of	1
Material 1	Copper Braid
Diameter, in [mm]	0.314 [7.98]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Flexible RG213 Coax Cable Single Shielded with Black PVC Jacket RG213/U

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Flexible RG213 Coax Cable Single Shielded with Black PVC Jacket

TECHNICAL DATA SHEET RG213/U

Jacket:

Material	PVC
Diameter, in [mm]	0.405 [10.29]
Color	Black
Weight, lbs/ft [Kg/m]	0.115 [0.17]

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
- Max. Operating Voltage(VRMS): 5000

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URL: http://www.pasternack.com/flexible-0.405-rg213-50-ohm-coax-cable-pvc-jacket-rg213-u-p.aspx

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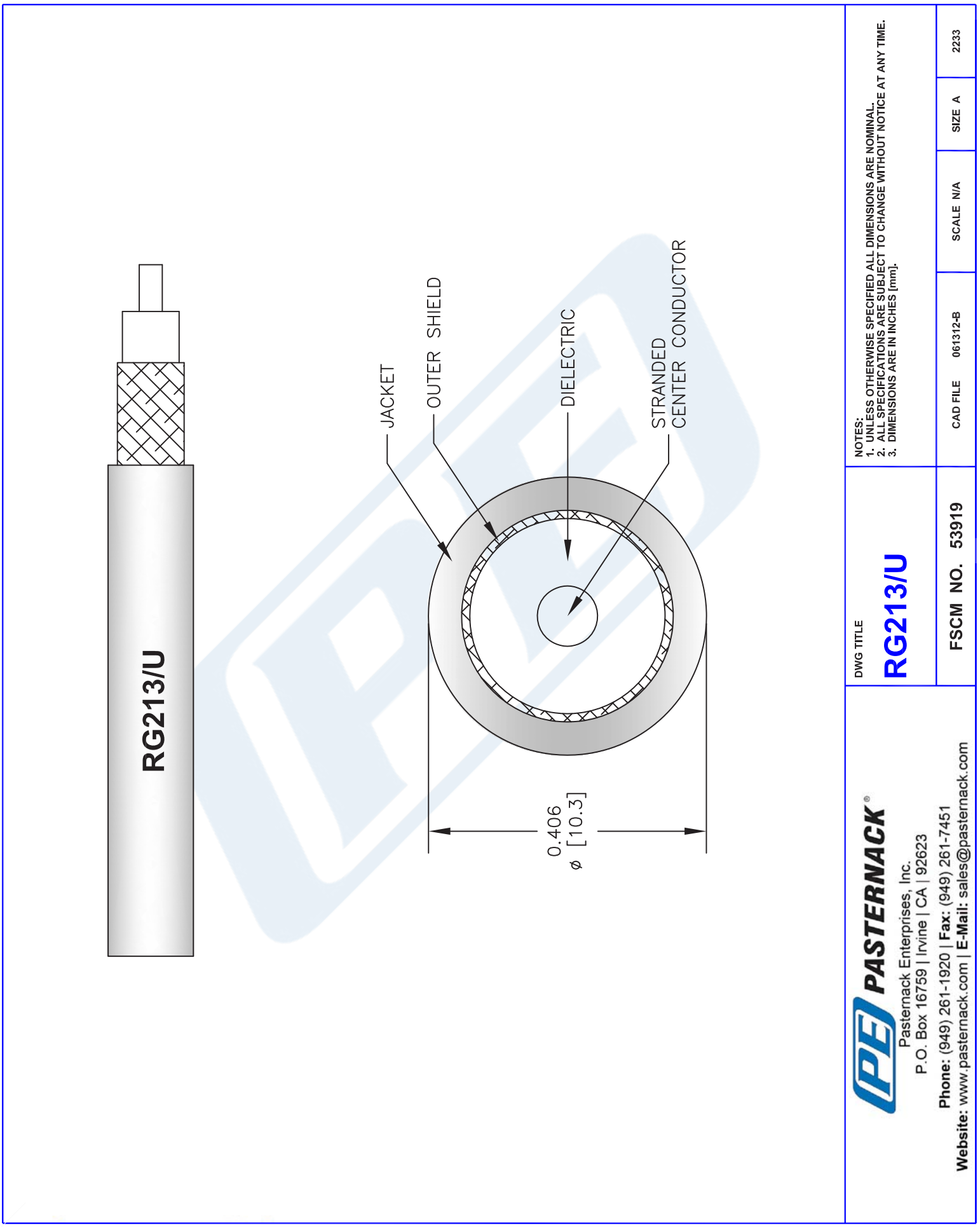
RG213/U CAD Drawing

Flexible RG213 Coax Cable Single Shielded with Black PVC Jacket



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