PASTERNACK®
THE ENGINEER'S RF SOURCE

D-Sub Receptacle Contact Crimp/Solder Attachment for PE-C195, PE-P195, RG58, RG141, RG303, LMR-195, 0.195 inch



Configuration

- D-Sub Receptacle Connector
- 50 Ohms
- Straight Body Geometry
- PE-C195, PE-P195, RG58, RG141, RG303, LMR-195, 0.195 inch Interface Type
- Crimp/Solder Attachment

Features

- Gold Plated Contact

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4800 D-Sub receptacle contact crimp/solder attachment for PE-C195, PE-P195, RG58, RG141, RG303, LMR-195 and 0.195 inch is part of our full line of RF components available for same-day shipping.

Our D-Sub receptacle connector PE4800 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	1.049 in [26.64 mm]
Width/Dia.	0.236 in [5.99 mm]
Weight	0.006 lbs [2.72 g]

Material Specifications

Description	Material	Plating
Contact		Gold
Insulation	PTFE	
Body	Brass	Gold

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: D-Sub Receptacle Contact Crimp/Solder Attachment for PE-C195, PE-P195, RG58, RG141, RG303, LMR-195, 0.195 inch PE4800

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D-Sub Receptacle Contact Crimp/Solder Attachment for PE-C195, PE-P195, RG58, RG141, RG303, LMR-195, 0.195 inch

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

D-Sub Receptacle Contact Crimp/Solder Attachment for PE-C195, PE-P195, RG58, RG141, RG303, LMR-195, 0.195 inch 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: D-Sub Receptacle Contact Crimp/Solder Attachment for PE-C195, PE-P195, RG58, RG141, RG303, LMR-195, 0.195 inch PE4800

URL: https://www.pasternack.com/d-sub-receptacle-standard-rg58-rg141-rg303-connector-pe4800-p.aspx

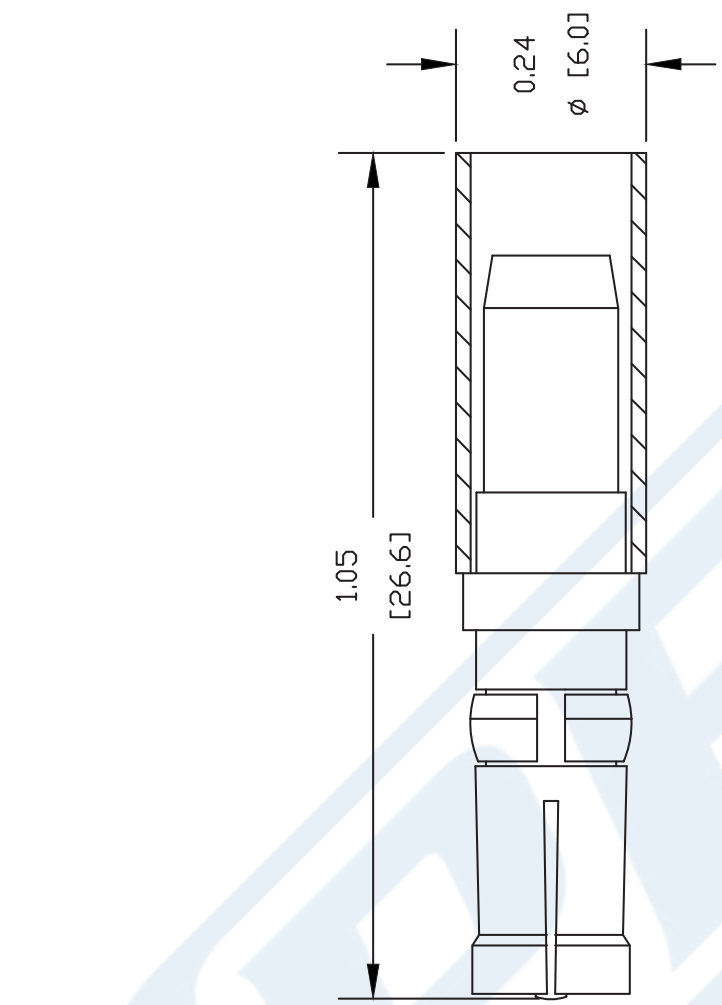
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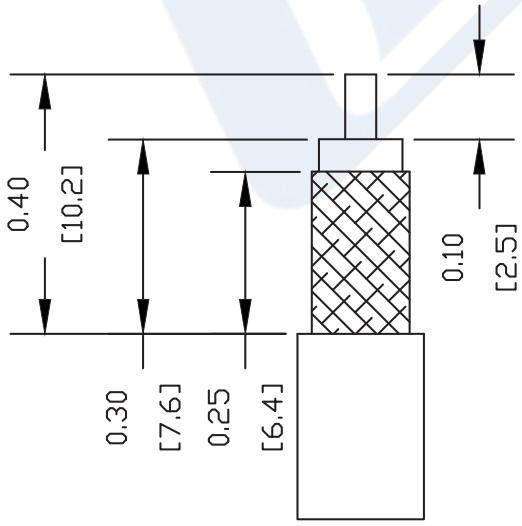
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PE4800 CAD Drawing

D-Sub Receptacle Contact Crimp/Solder Attachment for PE-C195, PE-P195, RG58, RG141, RG303, LMR-195, 0.195 inch





STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. SLIDE FERRULE ONTO CABLE STRIP CABLE AS SHOWN & TIN CENTER CONDUCTOR.
2. INSERT DIELECTRIC AND CENTER CONDUCTOR INTO BODY. SOLDER CENTER CONDUCTOR THROUGH HOLE IN BODY. REMOVE EXCESS SOLDER. SLIDE FERRULE FORWARD & CRIMP.

CRIMP SIZE REQUIRED

FERRULE: .213" HEX CRIMP TOOL

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

DWG TITLE	REV. -	FSCM NO. 53919	CAD FILE 060702	SCALE N/A	SIZE A	127
PE4800						

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SMA Male Right Angle Connector Crimp/Solder Attachment for RG58, RG303, RG141, PE-C195, PE-P195, LMR-195, .195 inch

RF Connectors
Technical Data Sheet

PE4405

Configuration

- SMA Male Connector
- MIL-STD-348A
- 50 Ohms
- Right Angle Body Geometry
- RG58, RG303, RG141, PE-C195, PE-P195, LMR-195, .195 inch Interface Type
- Crimp/Solder Attachment
- 5/16 inch Hex

Features

- Max. Operating Frequency 12.4 GHz
- Good VSWR of 1.4:1
- Gold Plated Brass Contact
- 50 µin minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4405 SMA male right angle connector with crimp/solder attachment for RG58, RG303, RG141, PE-C195, PE-P195, LMR-195 and .195 inch 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 12.4 GHz and offers good VSWR of 1.4:1. Its right angle body geometry allows for easier connections in tight spaces.

Our SMA male right angle connector PE4405 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		12.4	GHz
VSWR			1.4:1	
Operating Voltage (AC)			500	Vrms

Mechanical Specifications

Size

Length	0.8 in [20.32 mm]
Width/Dia.	0.315 in [8.00 mm]
Height	0.65 in [16.51 mm]
Weight	0.017 lbs [7.71 g]
Mating Torque	3 to 5 in-lbs [0.34 to 0.57 Nm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Male Right Angle Connector Crimp/Solder Attachment for RG58, RG303, RG141, PE-C195, PE-P195, LMR-195, .195 inch PE4405

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SMA Male Right Angle Connector Crimp/Solder Attachment for RG58, RG303, RG141, PE-C195, PE-P195, LMR-195, .195 inch

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 50 µin minimum
Insulation	PTFE	
Body	Brass	Nickel 100 µin minimum
Coupling Nut	Brass	Nickel 100 µin minimum
Crimp Sleeve	Brass	Nickel

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

SMA Male Right Angle Connector Crimp/Solder Attachment for RG58, RG303, RG141, PE-C195, PE-P195, LMR-195, .195 inch 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: SMA Male Right Angle Connector Crimp/Solder Attachment for RG58, RG303, RG141, PE-C195, PE-P195, LMR-195, .195 inch PE4405

URL: https://www.pasternack.com/sma-male-standard-rg58-connector-pe4405-p.aspx

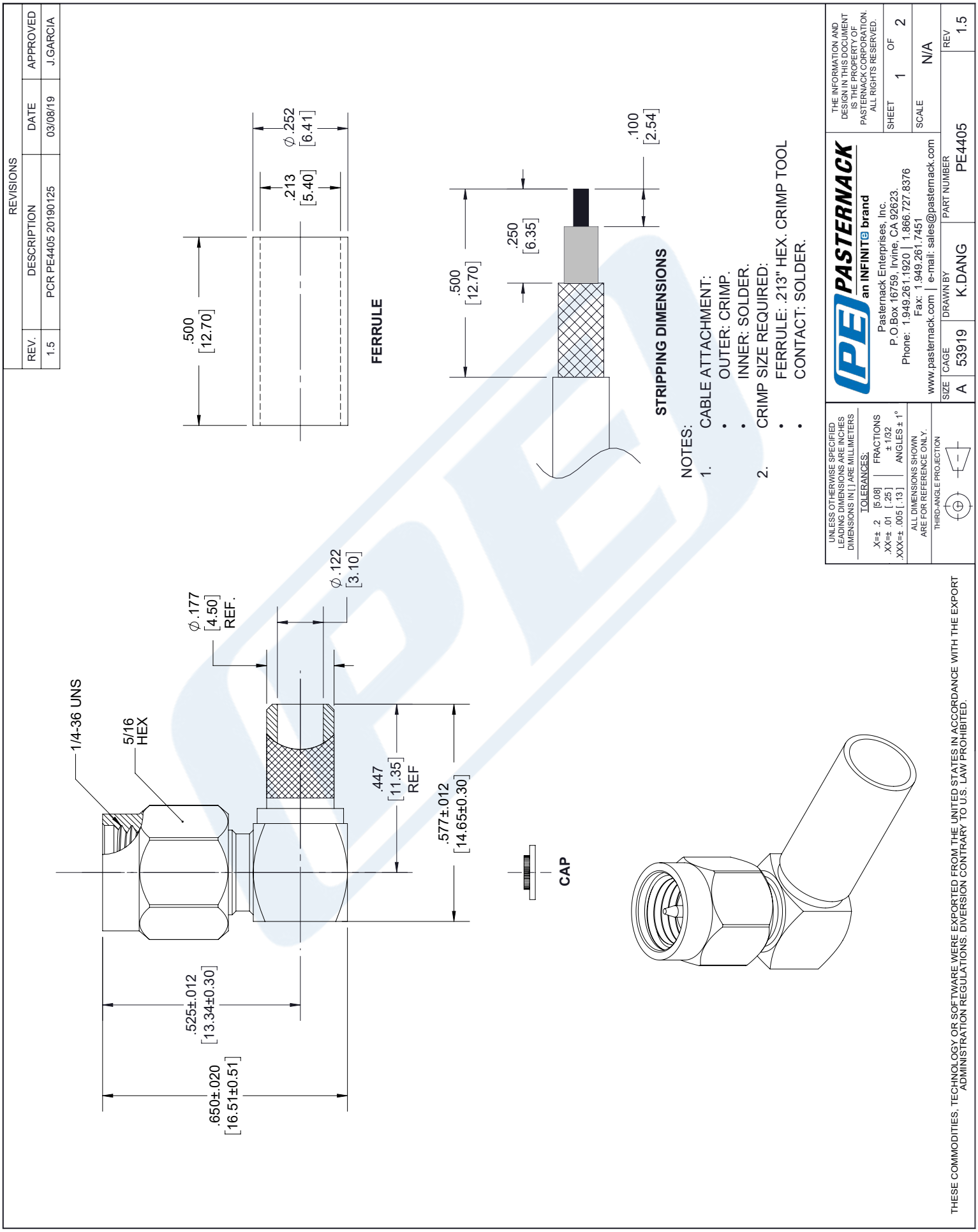
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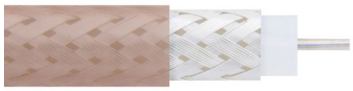
PE4405 CAD Drawing

SMA Male Right Angle Connector Crimp/Solder Attachment for RG58, RG303, RG141, PE-C195, PE-P195, LMR-195, .195 inch



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Flexible RG303 Coax Cable Single Shielded with Tan FEP Jacket

RF Cables
Technical Data Sheet

RG303/U

Configuration

- Flexible Cable
- 1 Shield(s)

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
Impedance		50		Ohms
Velocity of Propagation		69		%
Dielectric Withstanding Voltage (AC)			5,000	Vrms
Nominal Capacitance		32 [104.99]		pF/ft [pF/m]
Power@ 1GHz			650	Watts

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	400					MHz
Attenuation, Typ	8.6					dB/100ft
	28.22					dB/100m

Mechanical Specifications

Diameter	0.17 in [4.32 mm}
Weight	0.027 lbs/ft [0.04 kg/m]

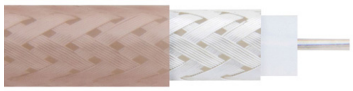
Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper Clad Steel, Silver, 1 Strand	0.037 in [0.94 mm]
Conductor Type	Solid	
Dielectric	PTFE	0.116 in [2.95 mm]
First Shield	Silver Plated Copper Braid	0.146 in [3.71 mm]

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: Flexible RG303 Coax Cable Single Shielded with Tan FEP Jacket RG303/U

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Flexible RG303 Coax Cable Single Shielded with Tan FEP Jacket

RF Cables
Technical Data Sheet

RG303/U

Jacket	FEP, Tan	0.17 in [4.32 mm]

Environmental Specifications

Temperature

Operating Range	-55 to +200 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Flexible RG303 Coax Cable Single Shielded with Tan FEP Jacket 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: Flexible RG303 Coax Cable Single Shielded with Tan FEP Jacket RG303/U

URL: https://www.pasternack.com/flexible-0.170-rg303-50-ohm-coax-cable-fep-jacket-rg303-u-p.aspx

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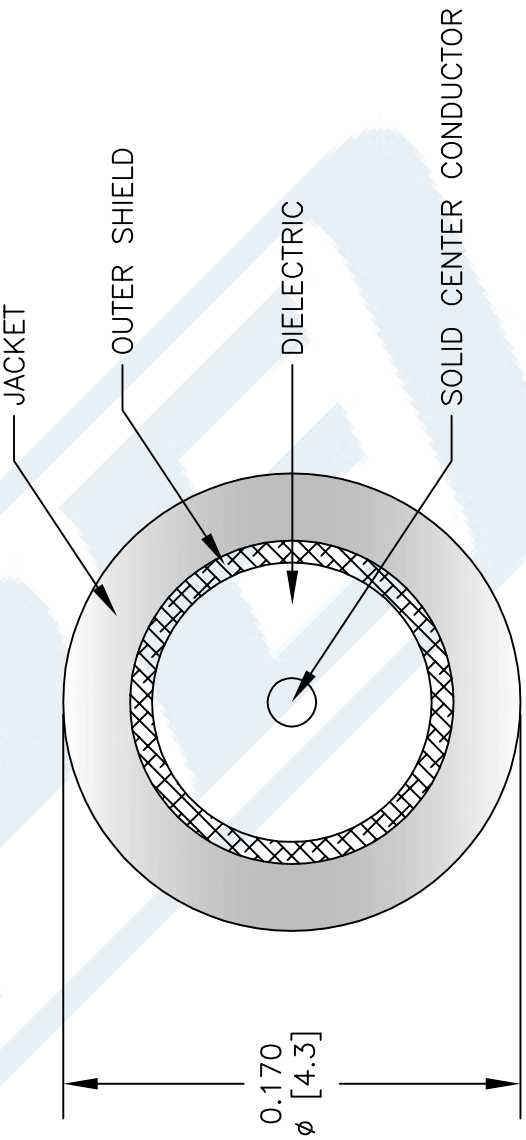
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RG303/U CAD Drawing

Flexible RG303 Coax Cable Single Shielded with Tan FEP Jacket





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CAD FILE	SCALE	SIZE
022908-A	N/A	A

DWG TITLE	REV.	FSCM NO.
RG303/U	A	53919

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