PASTERNACK®
THE ENGINEER'S RF SOURCE



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

Configuration

- D-Sub Plug 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 PE4808 D-Sub plug 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 plug connector PE4808 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	1.035 in [26.29 mm]
Width/Dia.	0.235 in [5.97 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 Plug Contact Crimp/Solder Attachment for PE-C195, PE-P195, RG58, RG141, RG303, LMR-195, 0.195 inch PE4808

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D-Sub Plug 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 Plug 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 Plug Contact Crimp/Solder Attachment for PE-C195, PE-P195, RG58, RG141, RG303, LMR-195, 0.195 inch PE4808

URL: https://www.pasternack.com/d-sub-plug-standard-rg58-rg141-rg303-connector-pe4808-p.aspx

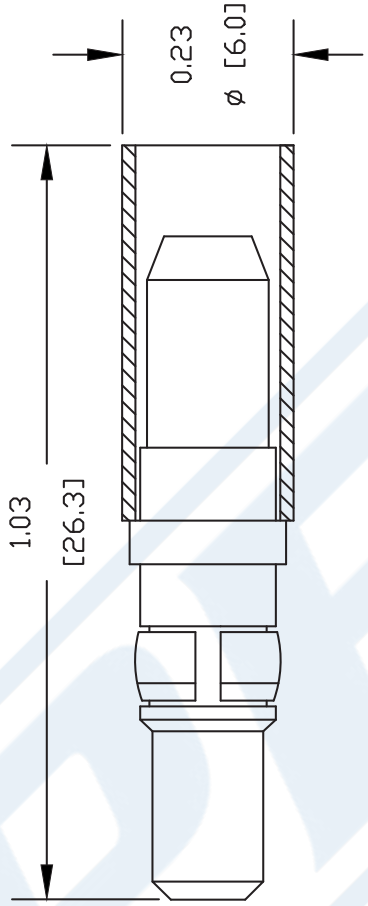
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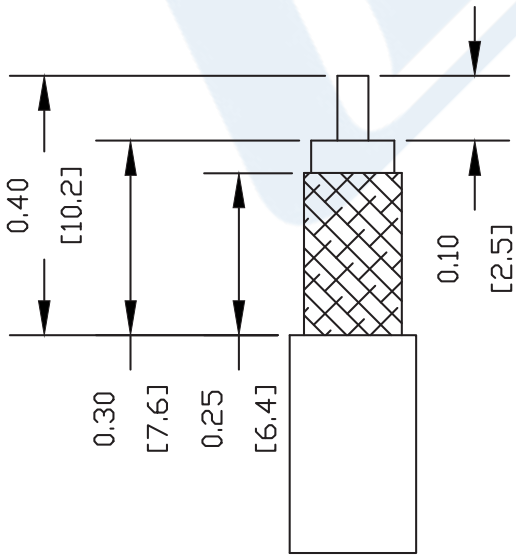
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PE4808 CAD Drawing

D-Sub Plug 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 **PE4808**

REV. -	FSCM NO. 53919	CAD FILE 061002	SCALE N/A	SIZE A	127

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SMA Male Connector Crimp/Solder Attachment for LMR-195, PE-C195



RF Connectors
Technical Data Sheet

TIMES MICROWAVE SYSTEMS

TC-195-SM-SS-X

Times Microwave Systems Connector Specification

Configuration

- SMA Male Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: LMR-195, PE-C195
- 5/16 Inch Hex

Features

- Max. Operating Frequency 8 GHz
- Good VSWR of 1.3:1
- Gold Plated Brass Contact
- Contact plating according to ASTM B488

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's TC-195-SM-SS-X SMA male connector with crimp/solder attachment for LMR-195 and PE-C195 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 8 GHz and offers good VSWR of 1.3:1.

Our SMA male connector TC-195-SM-SS-X 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		8	GHz
VSWR			1.3:1	

Mechanical Specifications

Size

Length	1.17 in [29.72 mm]
Width/Dia.	0.375 in [9.53 mm]
Weight	0.019 lbs [8.62 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Male Connector Crimp/Solder Attachment for LMR-195, PE-C195 TC-195-SM-SS-X

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SMA Male Connector Crimp/Solder Attachment for LMR-195, PE-C195

Material Specifications

Description	Material	Plating
Contact	Brass	Gold ASTM B488
Insulation	Teflon	
Body	Passivated Stainless Steel	
Coupling Nut	Passivated Stainless Steel	

Environmental Specifications

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

SMA Male Connector Crimp/Solder Attachment for LMR-195, PE-C195 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 Connector Crimp/Solder Attachment for LMR-195, PE-C195 TC-195-SM-SS-X

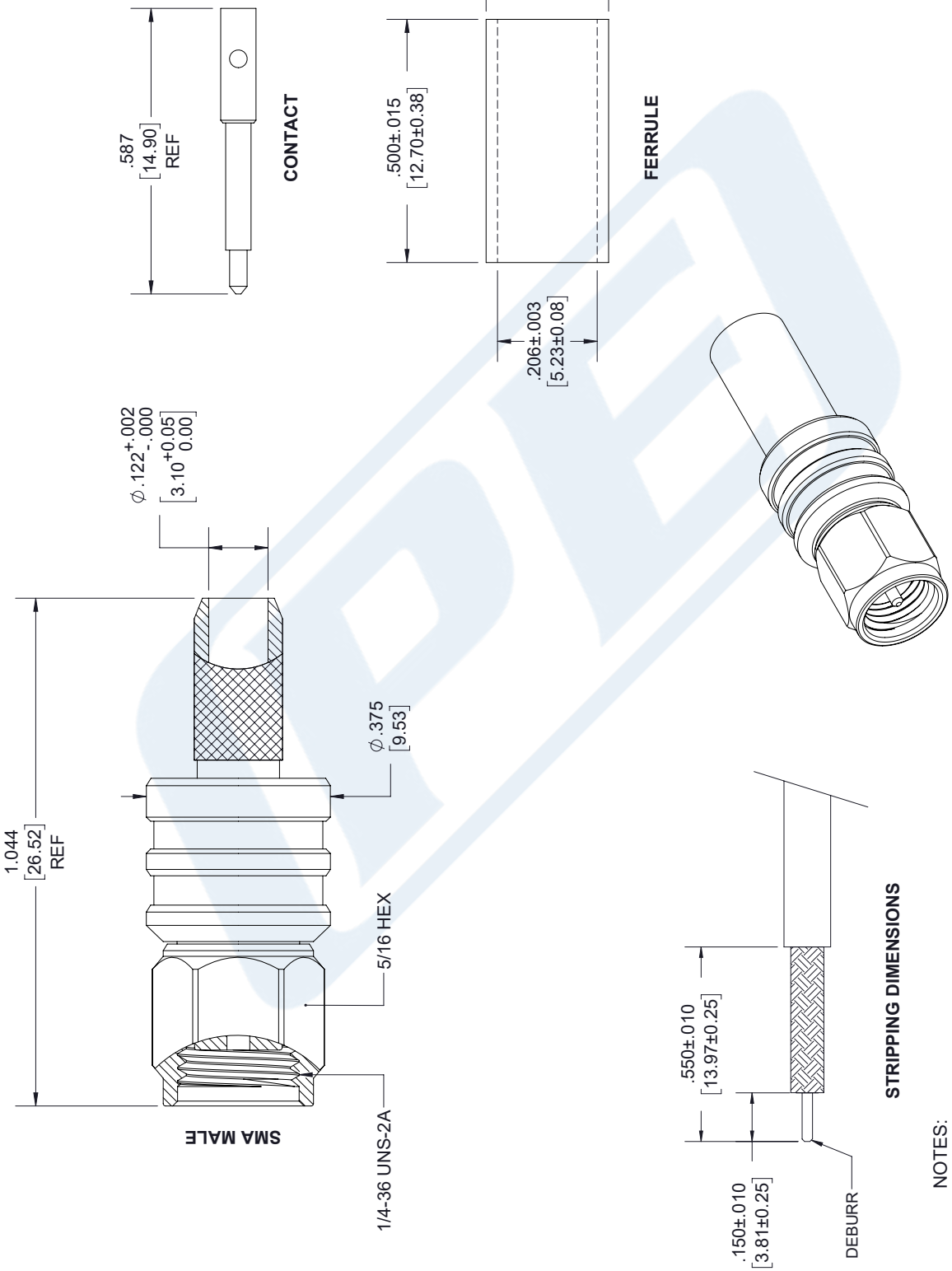
URL: https://www.pasternack.com/sma-male-lmr-195-pe-c195-connector-tc-195-sm-ss-x-p.aspx

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	10/22/19	S.ELLIS



NOTES:

1. CABLE ATTACHMENT:
   - OUTER: CRIMP.
   - INNER: SOLDER.
2. CRIMP SIZE REQUIRED:
   - FERRULE: .213 [5.41] HEX. CRIMP TOOL.
   - CONTACT: SOLDER.

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS
TOLERANCES: .X= ± .2 [5.08] | .XX= ± .01 [.25] | .XXX= ± .005 [.13] | FRACTIONS ± 1/32 | ANGLES ± 1°
ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.
THIRD-ANGLE PROJECTION

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SIZE	CAGE CODE	DRAWN BY	PART NUMBER	REV
A	53919	K.DANG	TC-195-SM-SS-X	A

SCALE N/A | SHEET 1 OF 1

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T-Rev.B

PASTERNACK®
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Low Loss Flexible PE-P195 Coax Cable Triple Shielded with Tan FEP Jacket

RF Cables
Technical Data Sheet

PE-P195

Configuration

- Low Loss Flexible Cable
- 3 Shield(s)

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		22	GHz
Impedance		50		Ohms
Velocity of Propagation		70		%
Operating Voltage (AC)			1,900	Vrms
Dielectric Withstanding Voltage (AC)			5,000	Vrms
Nominal Capacitance		29 [95.14]		pF/ft [pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	0.1	0.5	1	5	10	GHz
Attenuation, Typ	3.9	8.8	12.5	31.5	45	dB/100ft
	12.8	28.87	41.01	103.35	147.64	dB/100m

Description	F6	F7	F8	F9	F10	Units
Frequency	15	18	20	22		GHz
Attenuation, Typ	58	65	69	73		dB/100ft
	190.29	213.25	226.38	239.5		dB/100m

Mechanical Specifications

Diameter	0.195 in [4.95 mm]
Weight	0.038 lbs/ft [0.06 Kg/m]
Min. Bend Radius (Repeated)	1 in [25.4 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Low Loss Flexible PE-P195 Coax Cable Triple Shielded with Tan FEP Jacket PE-P195

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Low Loss Flexible PE-P195 Coax Cable Triple Shielded with Tan FEP Jacket

RF Cables
Technical Data Sheet

PE-P195

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper Clad Steel, Silver, 1 Strands	0.037 in [0.94 mm]
Conductor Type	Solid	
Dielectric	PTFE	0.116 in [2.95 mm]
First Shield	Silver Plated Copper Braid 96% coverage	0.126 in [3.2 mm]
Second Shield	Aluminum Tape	0.132 in [3.35 mm]
Third Shield	Silver Plated Copper Braid 96% coverage	0.155 in [3.94 mm]
Jacket	FEP, Tan	0.195 in [4.95 mm]

Environmental Specifications

Temperature

Operating Range -55 to +200 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Low Loss Flexible PE-P195 Coax Cable Triple 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: Low Loss Flexible PE-P195 Coax Cable Triple Shielded with Tan FEP Jacket PE-P195

URL: https://www.pasternack.com/precision-0.195-rg142-solid-center-conductor-52-ohm-coax-cable-fep-jacket-pe-p195-p.aspx

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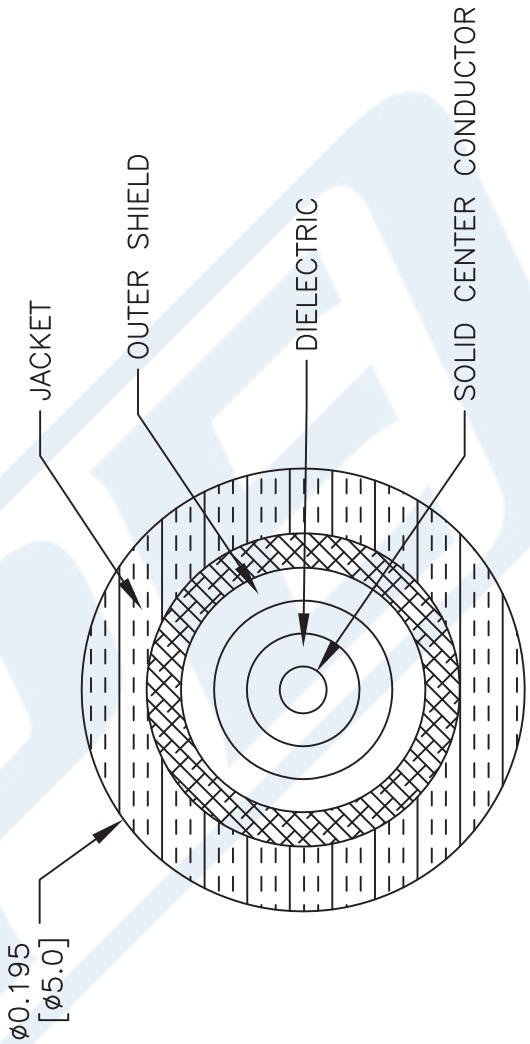
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PE-P195 CAD Drawing

Low Loss Flexible PE-P195 Coax Cable Triple Shielded with Tan FEP Jacket





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3. DIMENSIONS ARE IN INCHES [mm].

DWG TITLE **PE-P195**

CAD FILE 111716 | SCALE N/A | SIZE A | 41742

FSCM NO. 53919

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