



7/16 DIN Male Connector Clamp/Solder Attachment  
for RG58, RG55, RG141, RG142, RG223, RG400

TECHNICAL DATA SHEET

PE45037

**Configuration**

Connector: 7/16 DIN Male  
Connector Interface Type: RG58, RG55, RG141, RG142, RG223, RG400  
Attachment Method (Shield/Contact): Clamp/Solder  
Body Style: Straight

**Electrical Specifications**

Impedance: 50 Ohms

**Mechanical Specifications**

**Size**

Length: 1.87 in [47.5 mm]  
Width/Dia.: 1.25 in [31.75 mm]  
Weight: 0.229 lbs [103.87 g]

**Connector**

Type: 7/16 DIN Male  
Contact Material and Plating: Brass, Silver  
Coupling Nut Material and Plating: Brass, Nickel  
Hex Size: 1 1/4 Inch  
Body Material and Plating: Brass, Nickel  
Dielectric Type: PTFE

**Compliance Certifications** (visit [www.Pasternack.com](http://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: [7/16 DIN Male Connector Clamp/Solder Attachment for RG58, RG55, RG141, RG142, RG223, RG400 PE45037](#)



## 7/16 DIN Male Connector Clamp/Solder Attachment for RG58, RG55, RG141, RG142, RG223, RG400

### TECHNICAL DATA SHEET

PE45037

#### Plotted and Other Data

Notes:

- Values at +25 °C, sea level

7/16 DIN Male Connector Clamp/Solder Attachment for RG58, RG55, RG141, 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% availability and are part of the broadest selection in the industry.

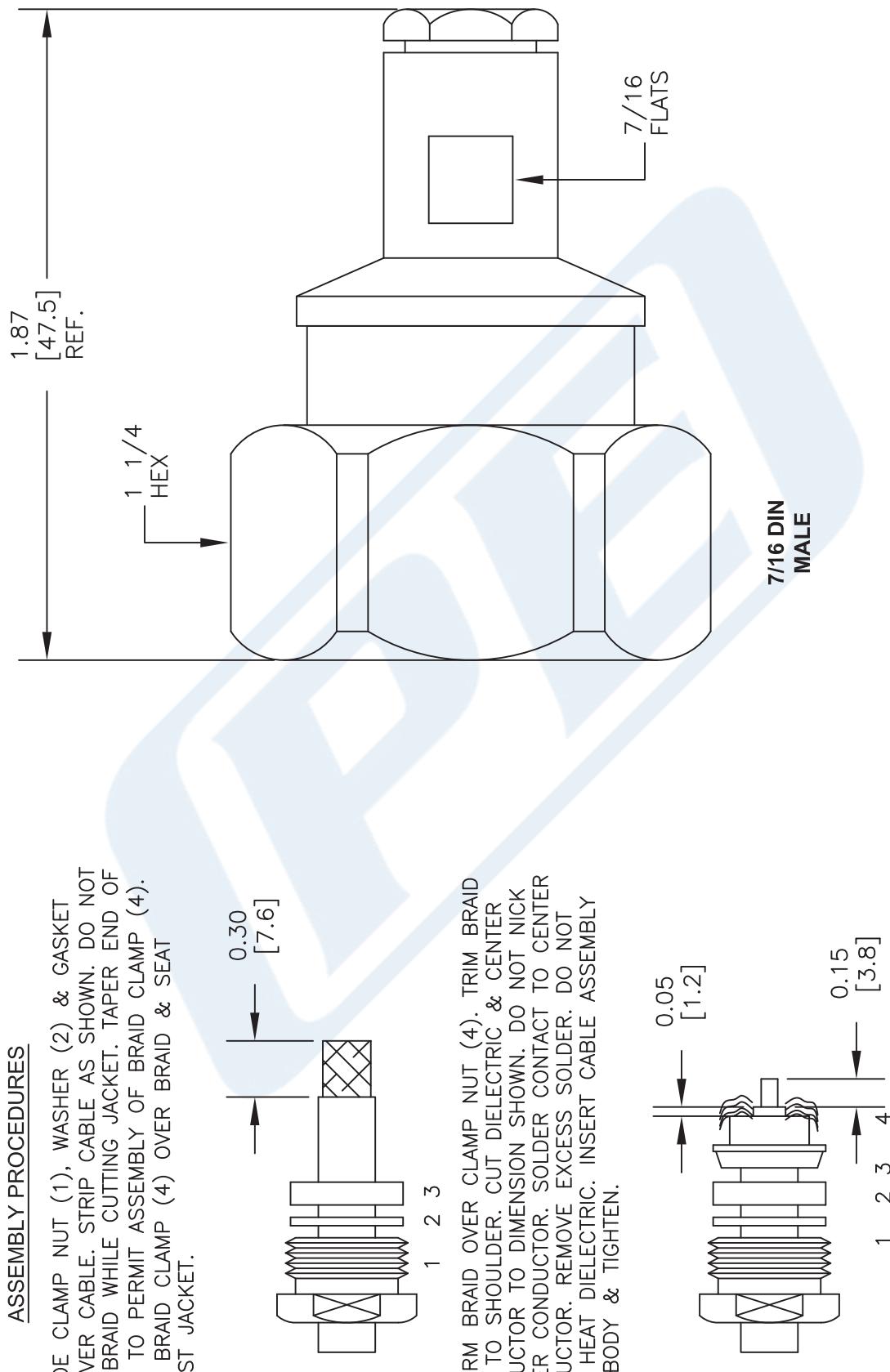
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [7/16 DIN Male Connector Clamp/Solder Attachment for RG58, RG55, RG141, RG142, RG223, RG400 PE45037](#)

URL: <http://www.pasternack.com/7-16-male-standard-standard-rg58-rg55-rg141-rg142-rg223-rg400-connector-pe45037-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.

# PE45037 CAD Drawing

7/16 DIN Male Connector Clamp/Solder Attachment for  
RG58, RG55, RG141, RG142, RG223, RG400

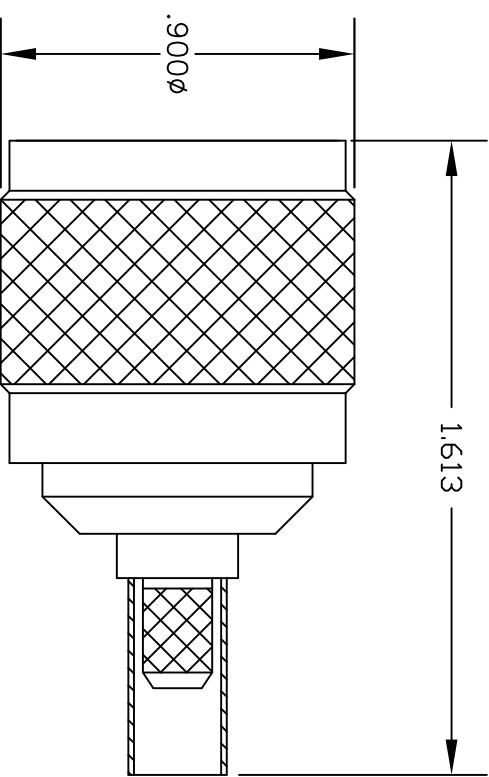


**NOTES:**  
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.  
3. DIMENSIONS ARE IN INCHES [mm].  
4. FITS MIL-C-17 AND EQUIVALENT CABLES.

DWG TITLE	PE45037
FSCM NO.	53919
CAD FILE	062615
SCALE	N/A
SIZE	A
	2233

**PASTERNACK®**  
THE ENGINEER'S RF SOURCE  
Pasternack Enterprises, Inc.  
P.O. Box 16759 | Irvine | CA | 92623  
Phone: (949) 261-1920 | Fax: (949) 261-7451  
Website: [www.pasternack.com](http://www.pasternack.com) | E-Mail: [sales@pasternack.com](mailto:sales@pasternack.com)

MATERIALS	
BODY	BRASS NICKEL PLATED
CONTACT	GOLD PLATED
INSULATOR	PTFE



CRIMP SIZES REQUIRED

CONTACT: .100" HEX CRIMP TOOL  
FERRULE: .213" HEX CRIMP TOOL



PASTERНАCK ENTERPRISES, INC.

P.O. BOX 16759, IRVINE, CA 92623  
PHONE (949) 261-1920 FAX (949) 261-7451

WEB ADDRESS: [www.pasterнак.com](http://www.pasterнак.com)  
E-MAIL ADDRESS: [sales@pasterнак.com](mailto:sales@pasterнак.com)

COAXIAL & FIBER OPTICS

**PE4478**

DWG TITLE

ESTABLISHED 1972

DES. HN MALE, CRIMP ATTACHMENT FOR RG58

SIZE A

FSCM NO. 53919

CAD FILE 051602

SCALE N/A

127

STRIPPING DIMENSIONS

NOTES:

1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.

## Low Loss Flexible RG142 Type Coax Cable Triple Shielded with Tan FEP Jacket

### TECHNICAL DATA SHEET

PE-P195

#### Low Loss Flexible RG142 Type Coax Cable Triple Shielded with Tan FEP Jacket

##### Configuration

Cable Design	Low Loss
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Shield Materials	Silver Plated Copper, Aluminum Tape
Jacket Material and Color	FEP, Tan

##### Electrical Specifications

Impedance, Ohms	50
Capacitance, pF/ft [pF/m]	29 [95.14]
Jacket Spark, Vrms	2,000

##### Electrical Specifications by Frequency

<b>Frequency 1</b>	500
Frequency, MHz	9 [29.53]
Attenuation, dB/100ft [dB/100m]	
<b>Frequency 2</b>	1000
Frequency, MHz	12.5 [41.01]
Attenuation, dB/100ft [dB/100m]	
<b>Frequency 3</b>	3
Frequency, GHz	23.3 [76.44]
Attenuation, dB/100ft [dB/100m]	
<b>Frequency 4</b>	5
Frequency, GHz	31 [101.71]
Attenuation, dB/100ft [dB/100m]	

##### Mechanical Specifications

<b>Inner Conductor</b>	
Number of Strands	1
Material	Copper Clad Steel
Plating	Silver
Diameter, in [mm]	0.037 [0.94]
<b>Dielectric:</b>	
Type	PTFE
Diameter, in [mm]	0.11 [2.79]

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 RG142 Type Coax Cable Triple Shielded with Tan FEP Jacket PE-P195](#)

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.



## Low Loss Flexible RG142 Type Coax Cable Triple Shielded with Tan FEP Jacket

### TECHNICAL DATA SHEET

PE-P195

**Shield:**

Number of	3
Material 1	Silver Plated Copper
Material 2	Aluminum Tape
Material 3	Silver Plated Copper Braid
Diameter, in [mm]	0.155 [3.94]

**Jacket:**

Material	FEP
Diameter, in [mm]	0.195 [4.95]
Color	Tan
Weight, lbs/ft [Kg/m]	0.002 [0]

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant Yes

**Plotted and Other Data**

Notes: Values at 25 °C, sea level

Low Loss Flexible RG142 Type Coax Cable Triple Shielded with Tan FEP Jacket from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

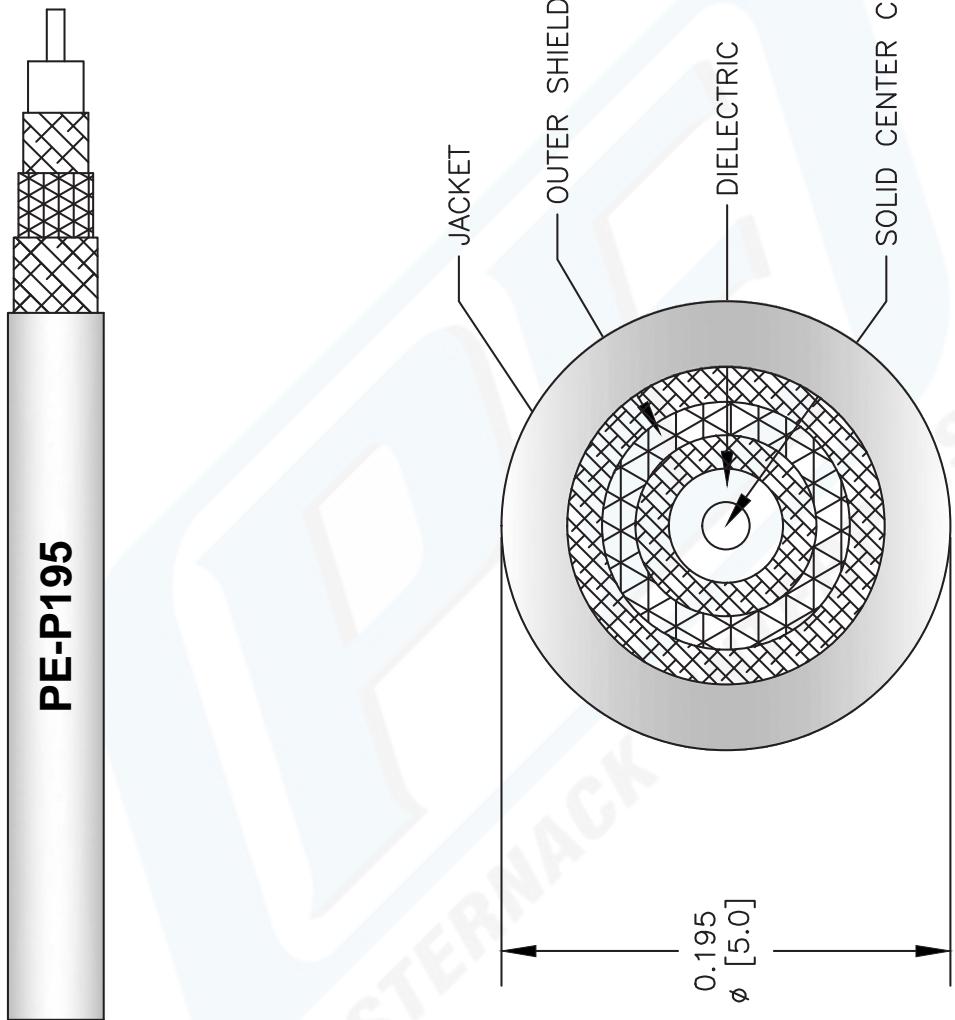
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Low Loss Flexible RG142 Type Coax Cable Triple Shielded with Tan FEP Jacket PE-P195](http://www.pasternack.com/precision-0.195-rg142-solid-center-conductor-52-ohm-coax-cable-fep-jacket-pe-p195-p.aspx)

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

# PE-P195 CAD Drawing

Low Loss Flexible RG142 Type Coax Cable Triple Shielded with Tan FEP Jacket



PE PASTERNACK®		DWG TITLE	NOTES:		
REV. D	FSCM NO.	PE-P195	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].
	53919	CAD FILE 081512-D	SCALE N/A	SIZE A	2233

**PE PASTERNACK®**  
Pasternack Enterprises, Inc.  
P.O. Box 16759 | Irvine | CA | 92623  
Phone: (949) 261-1920 | Fax: (949) 261-7451  
Website: [www.pasternack.com](http://www.pasternack.com) | E-Mail: [sales@pasternack.com](mailto:sales@pasternack.com)