



## D-Sub Receptacle Right Angle Contact Crimp/ Solder Attachment For RG58, RG141, RG303

### TECHNICAL DATA SHEET

PE4816

#### D-Sub Receptacle Right Angle Contact Crimp/Solder Attachment For RG58, RG141, RG303

##### Configuration

Connector	D-Sub Receptacle
Connector Interface Type	RG58,RG141,RG303
Cable Attachment Method (Shield/Contact)	Crimp/Solder
Body Style	Right Angle

##### Electrical Specifications

Impedance, Ohms	50
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##### Mechanical Specifications

###### Size

Length, in [mm]	0.755 [19.18]
Height, in [mm]	0.715 [18.16]
Weight, lbs [g]	0.006 [2.72]

###### Connector

Type	D-Sub Receptacle
Contact Material and Plating	Gold
Body Material and Plating	Brass, Gold
Dielectric Type	PTFE

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

##### Plotted and Other Data

Notes:	Values at 25 °C, sea level
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D-Sub Receptacle Right Angle Contact Crimp/Solder Attachment For RG58, RG141, RG303 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.

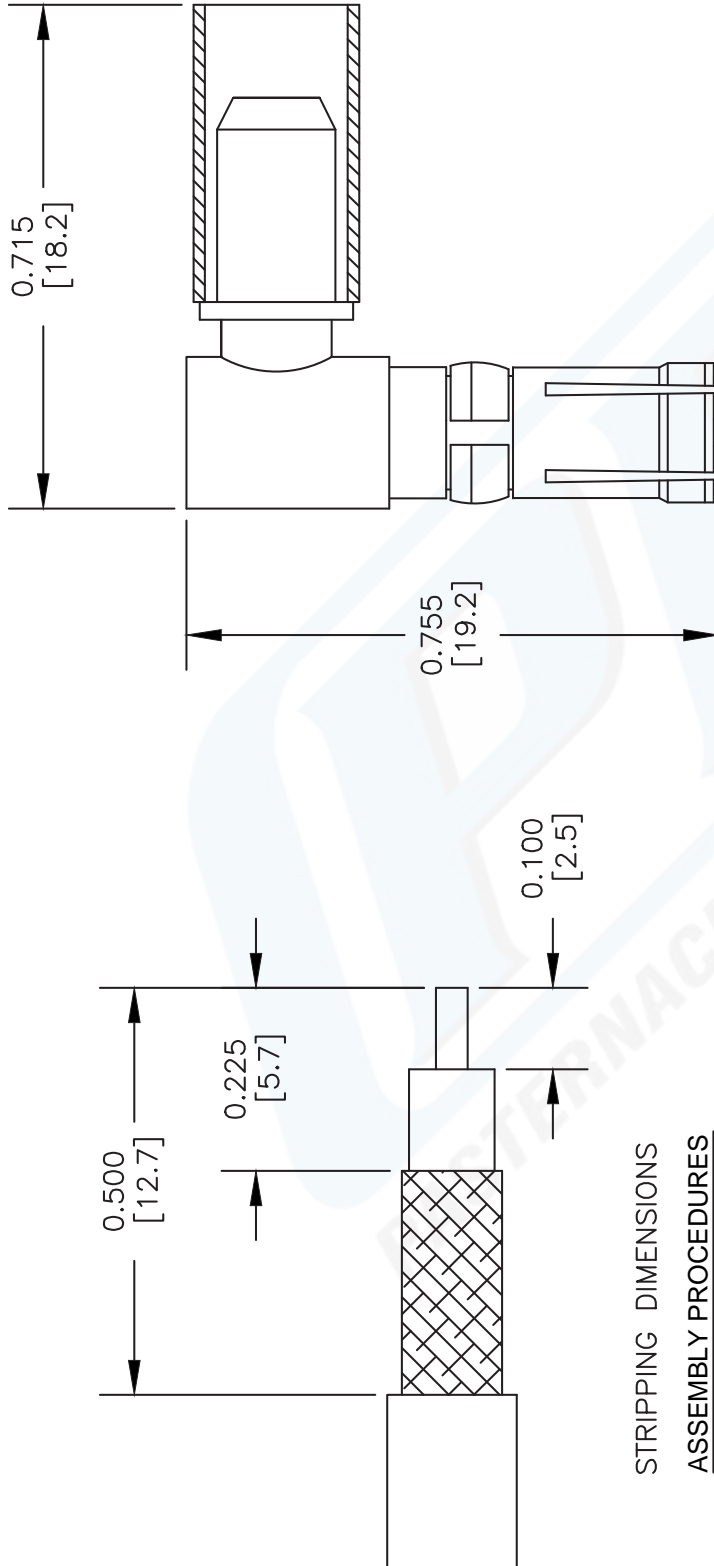
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [D-Sub Receptacle Right Angle Contact Crimp/Solder Attachment For RG58, RG141, RG303 PE4816](http://www.pasternack.com/d-sub-receptacle-right-angle-contact-crimp-solder-attachment-for-rg58-rg141-rg303-connector-pe4816-p.aspx)

URL: <http://www.pasternack.com/d-sub-receptacle-standard-rg58-rg141-rg303-connector-pe4816-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.

# PE4816 CAD Drawing

D-Sub Receptacle Right Angle Contact Crimp/Solder  
Attachment For RG58, RG141, RG303



## STRIPPING DIMENSIONS

## ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN & SLIDE FERRULE OVER CABLE.
2. INSTALL CABLE INTO BODY OF CONNECTOR AND SOLDER CENTER CONDUCTOR IN PLACE.
3. CRIMP FERRULE & SOLDER CAP IN PLACE.

## CRIMP SIZE REQUIRED

FERRULE: .213" HEX CRIMP TOOL



**PASTERNAK®**  
Pasternack Enterprises, Inc.  
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DWG TITLE

**PE4816**

FSCM NO. 53919

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.

CAD FILE 061002

SCALE N/A

SIZE A

127



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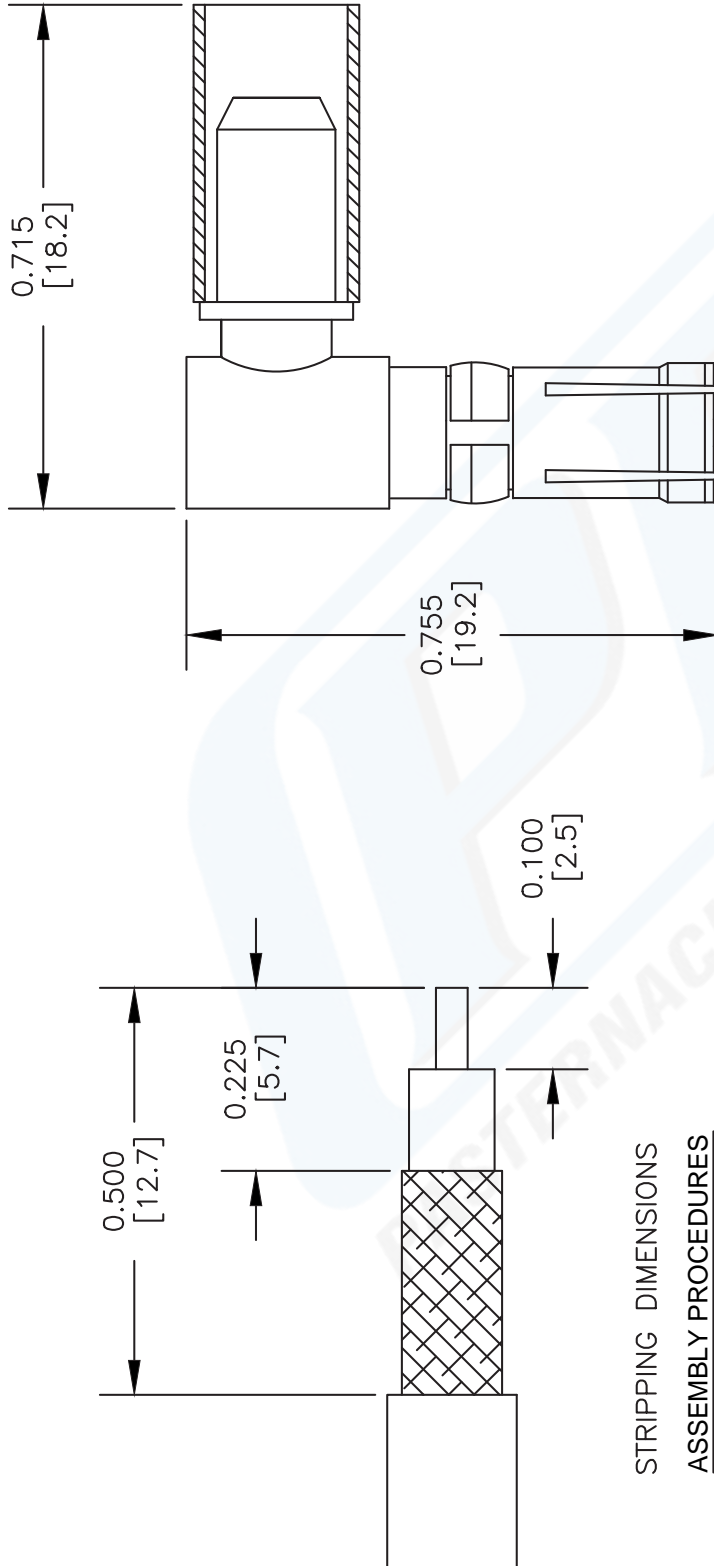
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CAD FILE 061002

SCALE N/A

SIZE A

127



## Flexible RG141 Coax Cable Single Shielded with Beige PTFE (Fiberglass reinforced) Jacket

### RF Cables Technical Data Sheet

RG141A/U

#### Configuration

- Flexible Cable
- 1 Shield(s)

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		10	GHz
Impedance		50 ±2		Ohms
Velocity of Propagation		70		%
Dielectric Withstanding Voltage (AC)			5,000	Vrms
Jacket Spark			2,000	Vrms
Nominal Capacitance		29.4 [96.46]		pF/ft [pF/m]

#### Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	0.01	0.1	1	5	10	GHz
Attenuation, Typ	1.2	3.9	13	36	62	dB/100ft
	3.94	12.8	42.65	118.11	203.41	dB/100m

#### Mechanical Specifications

Diameter	0.19 in [4.83 mm]
Weight	0.033 lbs/ft [0.05 Kg/m]

#### 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	

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG141 Coax Cable Single Shielded with Beige PTFE \(FG\) Jacket RG141A/U](#)



## Flexible RG141 Coax Cable Single Shielded with Beige PTFE (Fiberglass reinforced) Jacket

### RF Cables Technical Data Sheet

RG141A/U

Jacket	PTFE (FG), Beige	0.19 in [4.83 mm]
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#### Environmental Specifications

##### Temperature

Operating Range -55 to +200 deg C

**Compliance Certifications** (see [product page](#) for current document)

#### Plotted and Other Data

Notes:

Flexible RG141 Coax Cable Single Shielded with Beige PTFE (Fiberglass reinforced) 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.

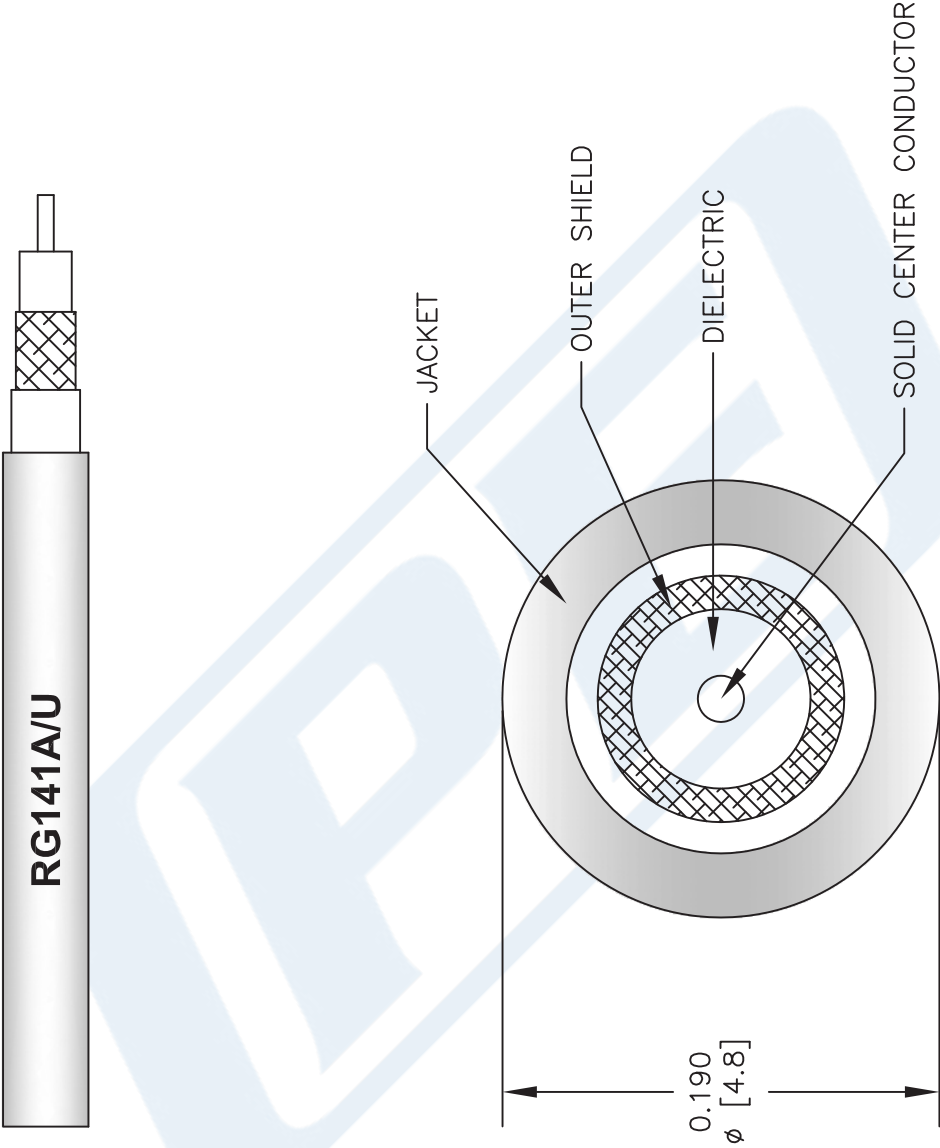
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG141 Coax Cable Single Shielded with Beige PTFE \(FG\) Jacket RG141A/U](#)

URL: <https://www.pasternack.com/flexible-0.190-rg141-50-ohm-coax-cable-ptfe-fr-jacket-rg141a-u-p.aspx>

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**RG141A/U CAD Drawing**  
Flexible RG141 Coax Cable Single Shielded with Beige  
PTFE (Fiberglass reinforced) Jacket



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DWG TITLE  
**RG141A/U**

REV. A FSCM NO. 53919

147

SIZE A

SCALE N/A

CAD FILE 022808-A

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