



GR874 Connector Crimp/Solder Attachment for  
RG55, RG58, RG141, RG142, RG223, RG400

## RF Connectors Technical Data Sheet

PE4233

### Configuration

- GR874 Sexless Connector
- MIL-C-39012
- 50 Ohms
- Straight Body Geometry
- RG55, RG58, RG141, RG142, RG223, RG400 Interface Type
- Crimp/Solder Attachment

### Features

- Gold Plated Contact
- Contact plating according to MIL-G-45204

### Applications

- General Purpose Test
- Custom Cable Assemblies

### Description

Pasternack's PE4233 GR874 connector with crimp/solder attachment for RG55, RG58, RG141, RG142, RG223 and RG400 is part of our full line of RF components available for same-day shipping.

Our GR874 connector PE4233 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	2.205 in [56.01 mm]
Width/Dia.	0.81 in [20.57 mm]
Weight	0.082 lbs [37.19 g]

### Material Specifications

Description	Material	Plating
Contact		Gold MIL-G-45204
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: [GR874 Connector Crimp/Solder Attachment for RG55, RG58, RG141, RG142, RG223, RG400 PE4233](#)



## GR874 Connector Crimp/Solder Attachment for RG55, RG58, RG141, RG142, RG223, RG400

### RF Connectors Technical Data Sheet

PE4233

#### Environmental Specifications

##### Temperature

Operating Range

-65 to +165 deg C

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

#### Plotted and Other Data

Notes:

GR874 Connector Crimp/Solder Attachment for RG55, RG58, 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.

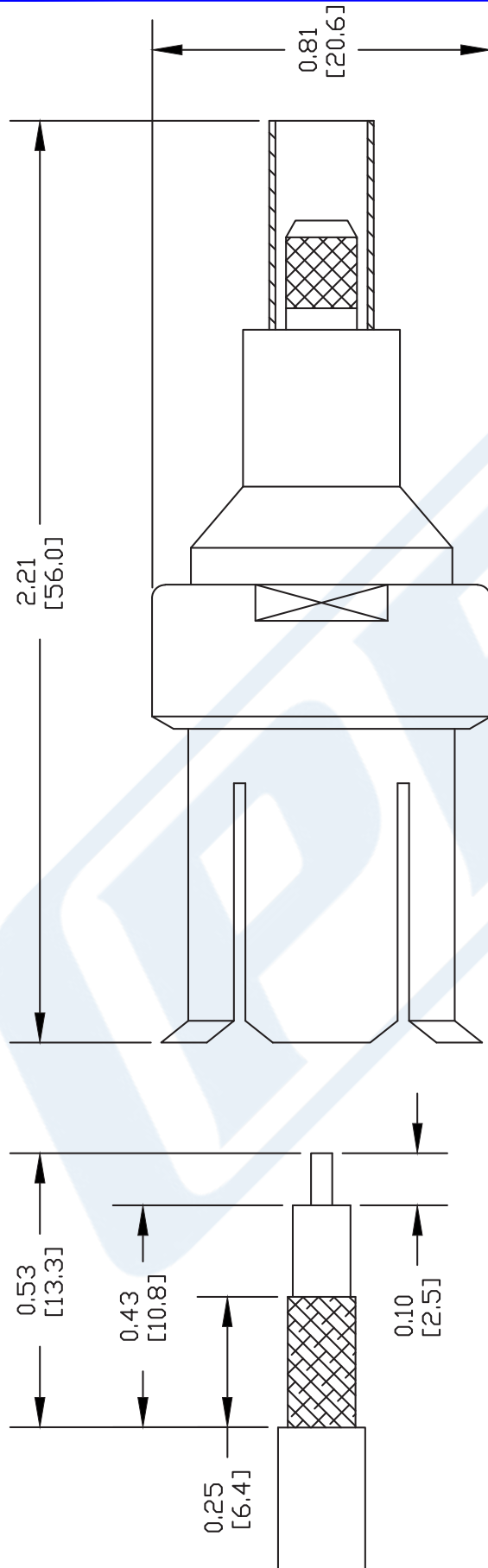
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [GR874 Connector Crimp/Solder Attachment for RG55, RG58, RG141, RG142, RG223, RG400 PE4233](#)

URL: <https://www.pasternack.com/gr874-sexless-standard-rg55-rg58-rg141-rg142-rg223-rg400-connector-pe4233-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.

# PE4233 CAD Drawing

GR874 Connector Crimp/Solder Attachment for RG55,  
RG58, RG141, RG142, RG223, RG400



STRIPPING DIMENSIONS

CRIMP SIZE REQUIRED

CONTACT: SOLDER

FERRULE: .213" HEX CRIMP TOOL



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)

DWG TITLE

**PE4233**

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.

REV. -

FSCM NO. 53919

CAD FILE 042309

SCALE N/A

SIZE A

147



## BNC Female Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400

### RF Connectors Technical Data Sheet

**PE4397**

#### Configuration

- BNC Female Connector
- 50 Ohms
- Straight Body Geometry

- Connector Interface Types: RG55, RG141, RG142, RG223, RG400

#### Features

- Max. Operating Frequency 4 GHz
- Good VSWR of 1.3:1

- Gold Plated Brass Contact

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

Pasternack's PE4397 BNC female connector with crimp/solder attachment for RG55, RG141, RG142, RG223 and RG400 is part of our full line of RF components available for same-day shipping. Our BNC female connector operates up to a maximum frequency of 4 GHz and offers good VSWR of 1.3:1.

Our BNC female connector PE4397 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		4	GHz
VSWR			1.3:1	
Operating Voltage (AC)			500	Vrms
Inner Conductor DC Resistance			1.5	mOhms
Outer Conductor DC Resistance			0.5	mOhms

#### Mechanical Specifications

##### Size

Length	1.24 in [31.5 mm]
Width/Dia.	0.571 in [14.50 mm]
Height	0.5 in [12.7 mm]
Weight	0.027 lbs [12.25 g]
Mating Cycles	500 Cycles

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Female Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400 PE4397](#)



## BNC Female Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400

### RF Connectors Technical Data Sheet

**PE4397**

#### Material Specifications

Description	Material	Plating
Contact	Brass	Gold
Insulation	PTFE	
Body	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:

BNC Female Connector Crimp/Solder Attachment for 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 99.4% 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: [BNC Female Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400 PE4397](#)

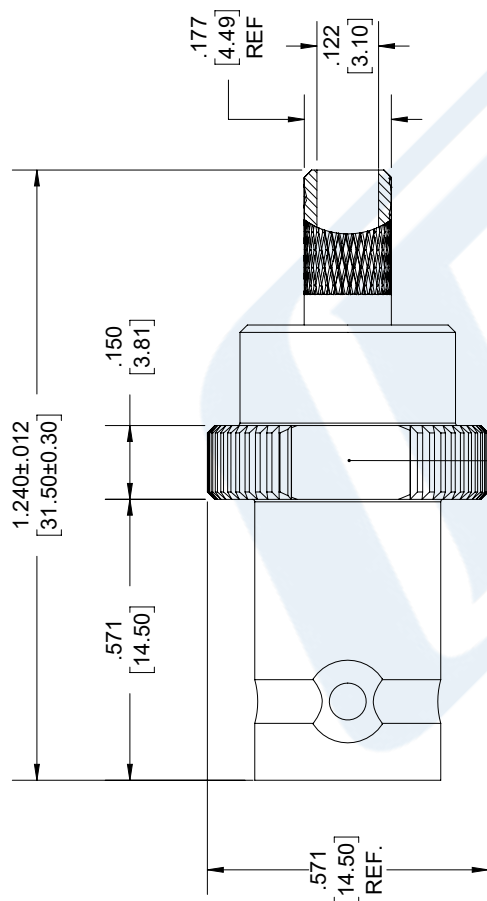
URL: <https://www.pasternack.com/bnc-female-standard-rg55-rg141-rg142-rg223-rg400-connector-pe4397-p.aspx>

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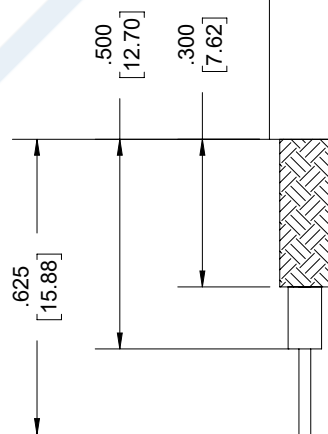
# PE4397 CAD Drawing

BNC Female Connector Crimp/Solder Attachment for  
RG55, RG141, RG142, RG223, RG400

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	06/03/19	SELLIS



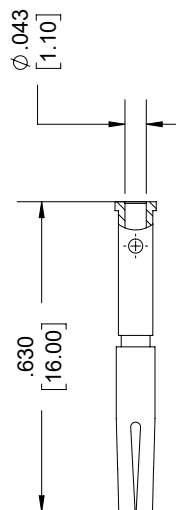
**BNC FEMALE**



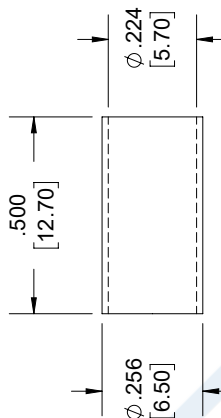
**STRIPPING DIMENSIONS**

**NOTES:**

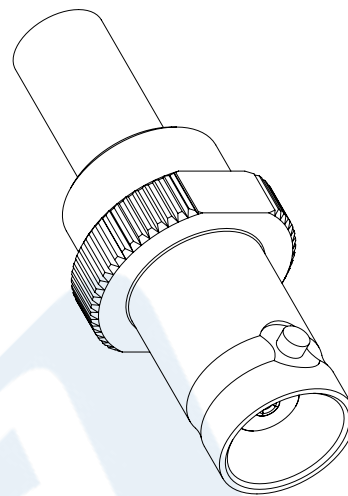
- CABLE ATTACHMENT:  
• OUTER: CRIMP.  
• INNER: SOLDER/CRIMP.
- CRIMP SIZE REQUIRED:  
• FERRULE: .213 [5.87] HEX. CRIMP TOOL.  
• CONTACT: .068 [1.73] HEX. CRIMP TOOL.



**CONTACT**



**FERRULE**



UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE IN INCHES DIMENSIONS IN [ ] ARE MILLIMETERS	
TOLERANCES:	FRACTIONS
X±.2 [5.08]	±.132
XX±.01 [0.25]	±.005
XXX±.005 [0.13]	±.001
ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.	
THIRD-ANGLE PROJECTION	

<b>PE PASTERNAK</b> an INFINITI brand	
Pasternack Enterprises, Inc. P.O. Box 16759, Irvine, CA 92623. Phone: 1.949.261.1920   1.866.727.8376 Fax: 1.949.261.7451 www.pasternack.com   e-mail: sales@pasternack.com	
SIZE	PART NUMBER
A	53919
DRAWN BY	REV
KDANG	PE4397
SCALE	
N/A	
SHEET 1 OF 1	

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## Flexible RG400 Coax Cable Double Shielded with Tan FEP Jacket

### TECHNICAL DATA SHEET

RG400/U

Flexible RG400 Coax Cable Double Shielded with Tan FEP Jacket

#### Configuration

Inner Conductor Material and Plating	Copper, Silver
Dielectric Type	PTFE
Shield Materials	Silver Plated Copper Braid, Silver Plated Copper Braid
Jacket Material and Color	FEP, Tan

#### Electrical Specifications

Impedance, Ohms	50
Velocity of Propagation, %	69.5
Maximum Operating Frequency, GHz	12.4
Capacitance, pF/ft [pF/m]	32 [104.99]
Maximum Operating Voltage, Volts	1,900

#### Electrical Specifications by Frequency

##### Frequency 1

Frequency, MHz	100
Attenuation, dB/100ft [dB/100m]	4.4 [14.44]

##### Frequency 2

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	14.7 [48.23]

##### Frequency 3

Frequency, GHz	5
Attenuation, dB/100ft [dB/100m]	36 [118.11]

##### Frequency 4

Frequency, GHz	11
Attenuation, dB/100ft [dB/100m]	57.9 [189.96]

#### Mechanical Specifications

##### Temperature

Operating Range, deg C	-55 to +200
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##### Inner Conductor

Number of Strands	19
Material	Copper
Plating	Silver
Diameter, in [mm]	0.039 [0.99]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG400 Coax Cable Double Shielded with Tan FEP Jacket RG400/U](#)

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## Flexible RG400 Coax Cable Double Shielded with Tan FEP Jacket

## TECHNICAL DATA SHEET

RG400/U

**Dielectric:**

Type	PTFE
Diameter, in [mm]	0.116 [2.95]

**Shield:**

Number of	2
Material 1	Silver Plated Copper Braid
Material 2	Silver Plated Copper Braid
Diameter, in [mm]	0.156 [3.96]

**Jacket:**

Material	FEP
Diameter, in [mm]	0.195 [4.95]
Color	Tan
One Time Minimum Bend Radius, in [mm]	1 [25.4]
Weight, lbs/ft [Kg/m]	0.046 [0.07]

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

RoHS Compliant	Yes
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**Plotted and Other Data**

Notes:	Values at 25 °C, sea level
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Flexible RG400 Coax Cable Double 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: [Flexible RG400 Coax Cable Double Shielded with Tan FEP Jacket RG400/U](#)

URL: <http://www.pasternack.com/flexible-0.195-rg400-stranded-center-conductor-50-ohm-coax-cable-fep-jacket-rg400-u-p.aspx>

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RG400/U CAD Drawing

Flexible RG400 Coax Cable Double Shielded with Tan FEP Jacket



NOTES:  
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2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.  
3. DIMENSIONS ARE IN INCHES [mm].

DWG TITLE  
**RG400/U**

FSCM NO. 53919

2233

SIZE A

SCALE N/A

CAD FILE 022908-A

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