



SMA Female Connector Solder Attachment for RG58, RG55, RG142, RG223, RG400

RF Connectors Technical Data Sheet

PE4041

Configuration

- SMA Female Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- RG58, RG55, RG142, RG223, RG400 Interface Type
- Solder/Solder Attachment

Features

- Gold Plated Beryllium Copper Contact
- 50 μ m minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4041 SMA female connector with solder/solder attachment for RG58, RG55, RG142, RG223 and RG400 is part of our full line of RF components available for same-day shipping.

Our SMA female connector PE4041 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	0.91 in [23.11 mm]
Width/Dia.	0.25 in [6.35 mm]
Weight	0.006 lbs [2.72 g]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 50 μ m minimum
Insulation	PTFE	
Body	Brass	Nickel 100 μ m minimum
Crimp Sleeve	Brass	Gold

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Female Connector Solder Attachment for RG58, RG55, RG142, RG223, RG400 PE4041](#)



SMA Female Connector Solder Attachment for RG58, RG55, RG142, RG223, RG400

RF Connectors Technical Data Sheet

PE4041

Environmental Specifications

Temperature

Operating Range

-40 to +85 deg C

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

Plotted and Other Data

Notes:

SMA Female Connector Solder Attachment for RG58, RG55, 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.

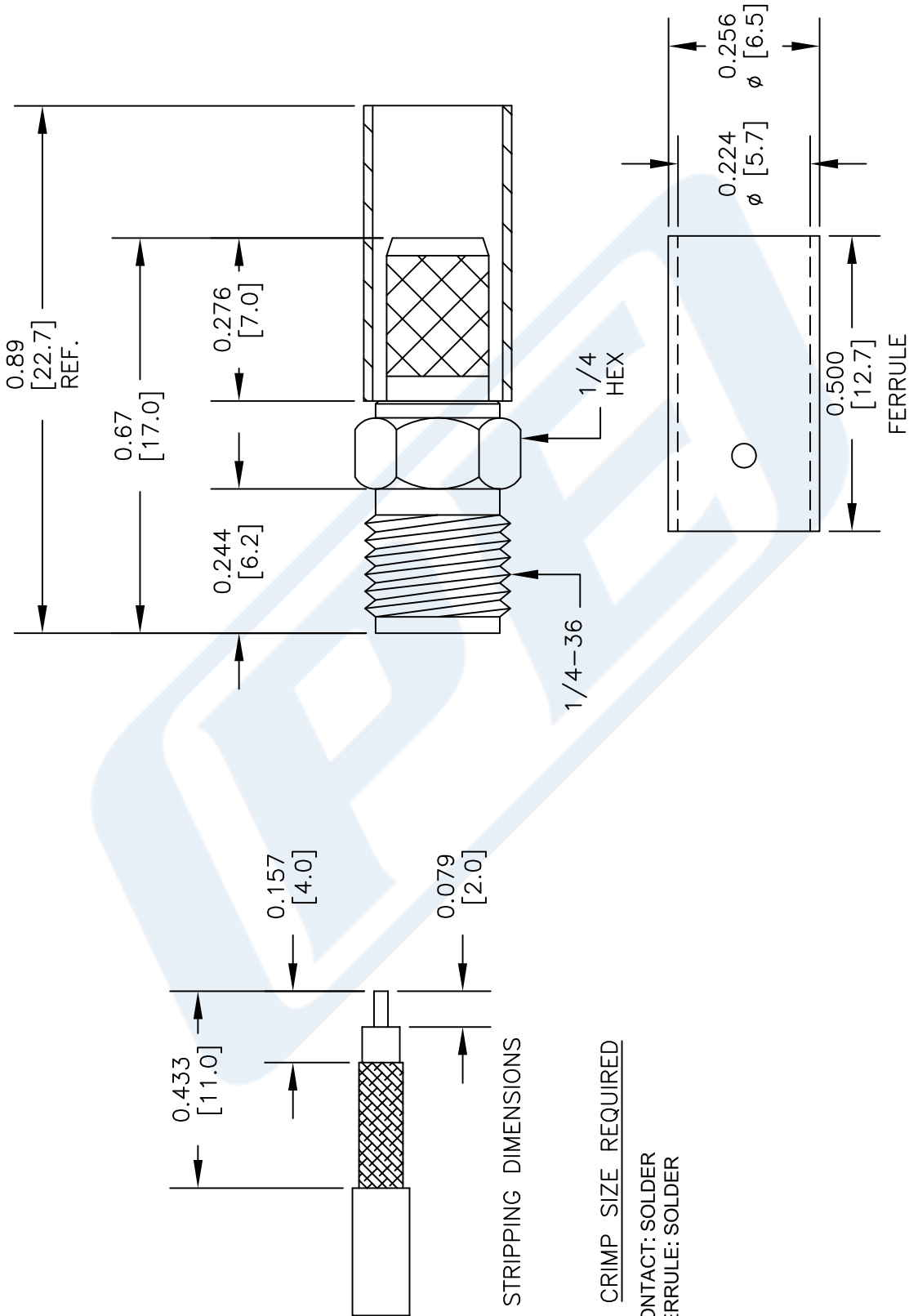
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Female Connector Solder Attachment for RG58, RG55, RG142, RG223, RG400 PE4041](#)

URL: <https://www.pasternack.com/sma-female-standard-rg58-rg55-rg142-rg223-rg400-connector-pe4041-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.

PE4041 CAD Drawing

SMA Female Connector Solder Attachment for RG58, RG55, RG142, RG223, RG400



DWG TITLE

PE4041

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].

FSCM NO. 53919

CAD FILE 102714

SCALE N/A

SIZE A

150

PE PASTERNAK
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 | E-Mail: sales@pasternack.com



SMA Female Connector Solder Attachment for RG58, RG55, RG142, RG223, RG400

RF Connectors Technical Data Sheet

PE4041

Configuration

- SMA Female Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- RG58, RG55, RG142, RG223, RG400 Interface Type
- Solder/Solder Attachment

Features

- Gold Plated Beryllium Copper Contact
- 50 μ m minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4041 SMA female connector with solder/solder attachment for RG58, RG55, RG142, RG223 and RG400 is part of our full line of RF components available for same-day shipping.

Our SMA female connector PE4041 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	0.91 in [23.11 mm]
Width/Dia.	0.25 in [6.35 mm]
Weight	0.006 lbs [2.72 g]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 50 μ m minimum
Insulation	PTFE	
Body	Brass	Nickel 100 μ m minimum
Crimp Sleeve	Brass	Gold

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Female Connector Solder Attachment for RG58, RG55, RG142, RG223, RG400 PE4041](#)



SMA Female Connector Solder Attachment for RG58, RG55, RG142, RG223, RG400

RF Connectors Technical Data Sheet

PE4041

Environmental Specifications

Temperature

Operating Range

-40 to +85 deg C

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

Plotted and Other Data

Notes:

SMA Female Connector Solder Attachment for RG58, RG55, 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.

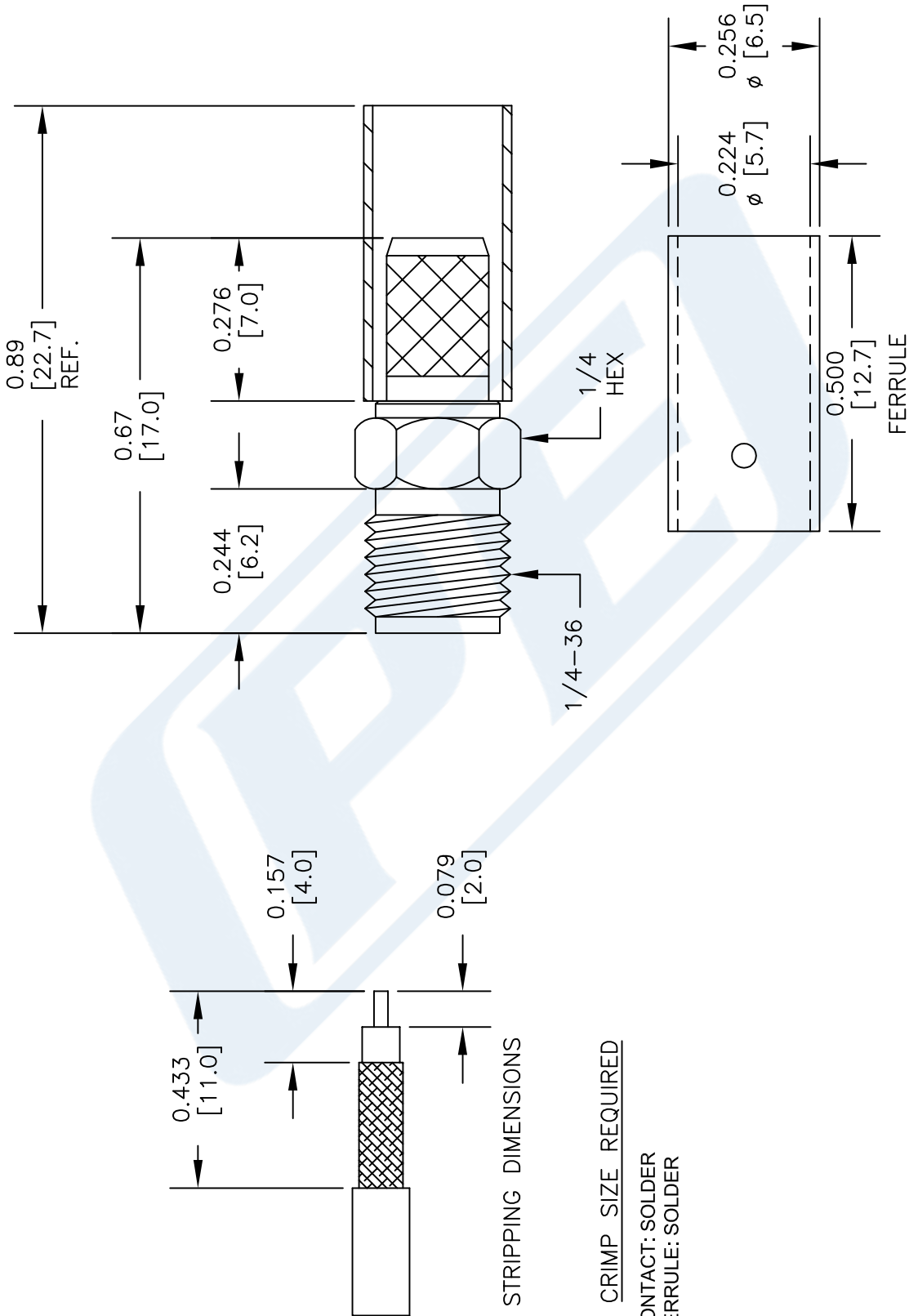
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Female Connector Solder Attachment for RG58, RG55, RG142, RG223, RG400 PE4041](#)

URL: <https://www.pasternack.com/sma-female-standard-rg58-rg55-rg142-rg223-rg400-connector-pe4041-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.

PE4041 CAD Drawing

SMA Female Connector Solder Attachment for RG58, RG55, RG142, RG223, RG400



DWG TITLE

PE4041

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].

FSCM NO. 53919

CAD FILE 102714

SCALE N/A

SIZE A

150

PE PASTERNAK
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 | E-Mail: sales@pasternack.com



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
------------------------	-------------

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](#)

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.



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 for current document)

RoHS Compliant	Yes
----------------	-----

Plotted and Other Data

Notes:	Values at 25 °C, sea level
--------	----------------------------

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>

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.

RG400/U CAD Drawing

Flexible RG400 Coax Cable Double Shielded with Tan FEP Jacket



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].

DWG TITLE
RG400/U

FSCM NO. 53919

2233

SIZE A

SCALE N/A

CAD FILE 022908-A

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