



RP-SMA Female Connector Crimp/Crimp Attachment
for LMR-400, PE-C400, PE-B400, PE-B405

RF Connectors
Technical Data Sheet

PE45397

Configuration

- SMA Female Reverse Polarity Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: LMR-400, PE-C400, PE-B400, PE-B405

Features

- Max. Operating Frequency 6 GHz
- Good VSWR of 1.3:1
- Gold Plated Brass Contact
- Reverse Polarity

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE45397 RP SMA female connector with crimp/crimp attachment for LMR-400, PE-C400, PE-B400 and PE-B405 is part of our full line of RF components available for same-day shipping. The female reverse polarity configuration uses a female connector body with a male inner contact pin. Our SMA female connector operates up to a maximum frequency of 6 GHz and offers good VSWR of 1.3:1.

Our reverse polarity SMA female connector PE45397 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		6	GHz
VSWR			1.3:1	
Dielectric Withstanding Voltage (AC)			1,000	Vrms

Mechanical Specifications

Size	
Length	1.47 in [37.34 mm]
Weight	0.036 lbs [16.33 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: [RP-SMA Female Connector Crimp/Crimp Attachment for LMR-400, PE-C400, PE-B400, PE-B405 PE45397](#)



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Material Specifications

Description	Material	Plating
Contact	Brass	Gold
Insulation	PTFE	
Outer Conductor	Brass	Nickel
Body	Brass	Nickel
Gasket	Rubber	
Crimp Sleeve	Brass	Nickel

Environmental Specifications

Temperature

Operating Range

-55 to +85 deg C

Humidity

MIL-Std. 202 Method 106 (Test Condition B)

Vibration

MIL-Std. 202 Method 204 (Test Condition D)

Altitude

MIL-Std. 202 Method 105 (Test Condition C)

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

Plotted and Other Data

Notes:

RP-SMA Female Connector Crimp/Crimp Attachment for LMR-400, PE-C400, PE-B400, PE-B405 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: [RP-SMA Female Connector Crimp/Crimp Attachment for LMR-400, PE-C400, PE-B400, PE-B405 PE45397](#)

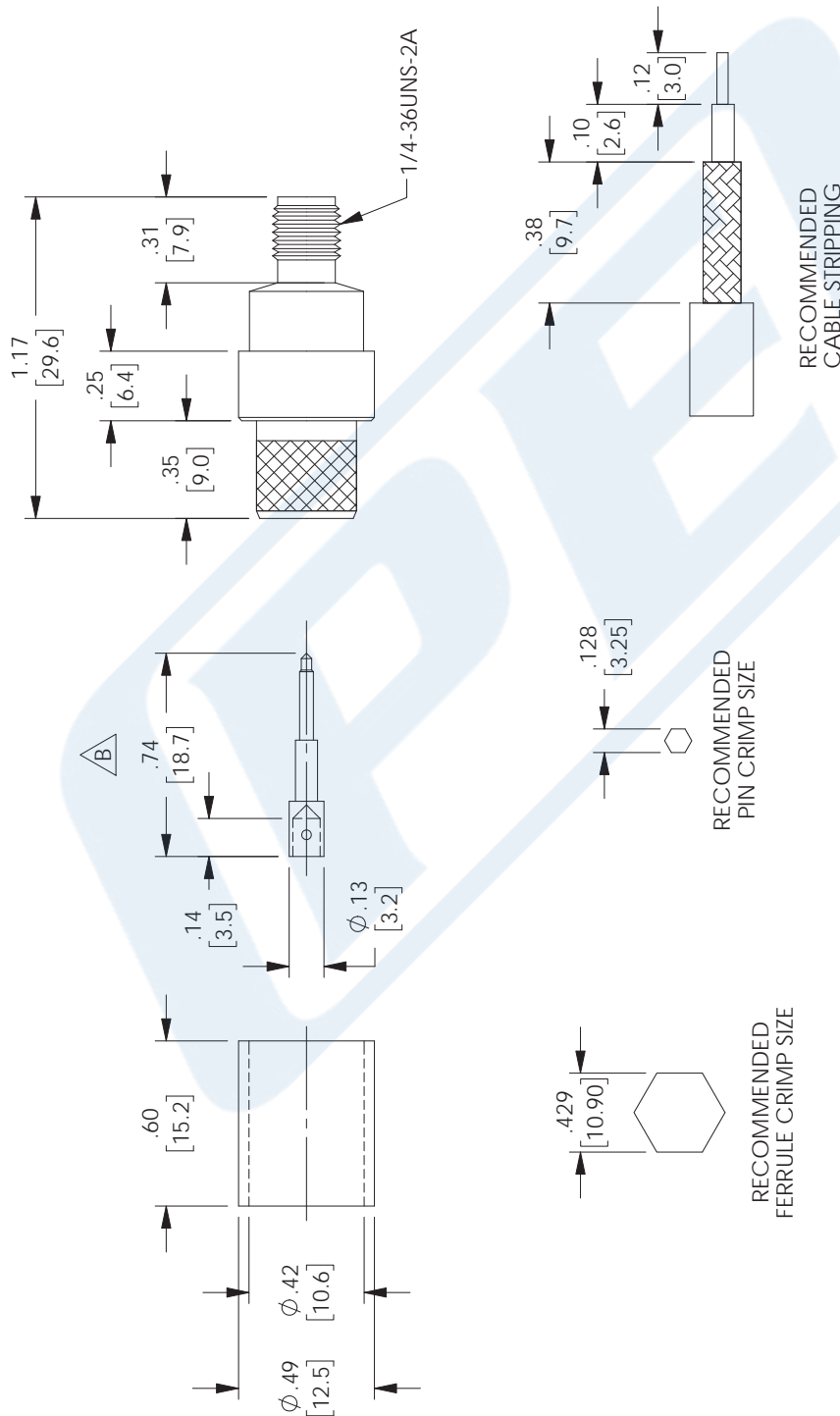
URL: <https://www.pasternack.com/sma-female-reverse-polarity-lmr-400-pe-c400-connector-pe45397-p.aspx>

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.

PE45397 CAD Drawing

RP-SMA Female Connector Crimp/Crimp Attachment for
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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
B	PCR REVISION	11/22/2021	SRAUTUS



UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:

X = +.2 [5.08] FRACTIONS
XX = +.02 [.51] +.132
.XXX = ±.005 [.13] ANGLES ± 1°

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305] = +1 [25] / -0
12 [305] < L ≤ 60 [1524] = +2 [51] / -0
60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
300 [7620] < L = +5% / -0

ALL DIMENSIONS SHOWN
ARE FOR REFERENCE ONLY.

THIRD-ANGLE PROJECTION

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DESIGN IN THIS DOCUMENT
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SHEET 1 OF 1

SCALE N/A

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SIZE	CAGE CODE	DRAWN BY	ITEM NO.
A	53919	DFRISIELLO	PE45397

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