

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

PE4037



Configuration

- SMA Male Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG58, RG55, RG142, RG223, RG400
- 5/16 in Hex

Features

- Max. Operating Frequency 12.4 GHz
- Good VSWR of 1.28:1
- Gold Plated Brass Contact
- 50μ in. minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4037 , SMA, Standard, Connector is part of our full line of RF components available for same-day shipping. Our SMA male connector operates up to a maximum frequency of 12.4 GHz and offers good VSWR of 1.27:1.

Our SMA male connector PE4037 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		12.4	GHz
VSWR			1.28:1	
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Impedance		50		Ohms

Mechanical Specifications

Size

Length	0.906 in [23.01 mm]
Width	0.315 in [8.00 mm]
Weight	0.013 lbs [5.9 g]
Mating Torque	5 in-lbs [[0.57 Nm]]

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

PE4037



Material Specifications

Description	Material	Plating
Contact	Brass	Gold 50μ in. minimum
Insulation	Teflon	
Body	Brass	Nickel 100μ in. minimum
Coupling Nut	Brass	Nickel 100μ in. minimum

Environmental Specifications

Temperature Operating Range	-65 to +165 deg C
--------------------------------	-------------------

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

Plotted and Other Data

Notes:

SMA Male 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 99.4% 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: [SMA Male Connector Solder Attachment for RG58, RG55, RG142, RG223, RG400 PE4037](#)

URL: <https://www.pasternack.com/sma-male-standard-rg58-rg55-rg142-rg223-rg400-connector-pe4037-p.aspx>

The information contained within 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 Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

PE4037 CAD Drawing

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

