



## SMC Plug Connector Crimp/Solder Attachment for RG55, RG142, RG223, RG400

### RF Connectors Technical Data Sheet

PE45396

#### Configuration

- SMC Plug Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- RG55, 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 PE45396 SMC plug connector with crimp/solder attachment for RG55, RG142, RG223 and RG400 is part of our full line of RF components available for same-day shipping.

Our SMC plug connector PE45396 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 1.19 in [30.23 mm]  
 Width/Dia. 0.25 in [6.35 mm]

#### Material Specifications

Description	Material	Plating
Contact		Gold MIL-G-45204
Insulation	PTFE	
Body	Brass	Nickel QQ-N-290
Coupling Nut	Brass	Nickel QQ-N-290
Crimp Sleeve	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: [SMC Plug Connector Crimp/Solder Attachment for RG55, RG142, RG223, RG400 PE45396](#)



## SMC Plug Connector Crimp/Solder Attachment for RG55, RG142, RG223, RG400

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#### Environmental Specifications

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

#### Plotted and Other Data

Notes:

#### Assembly Instruction

SMC Plug Connector Crimp/Solder Attachment for 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.

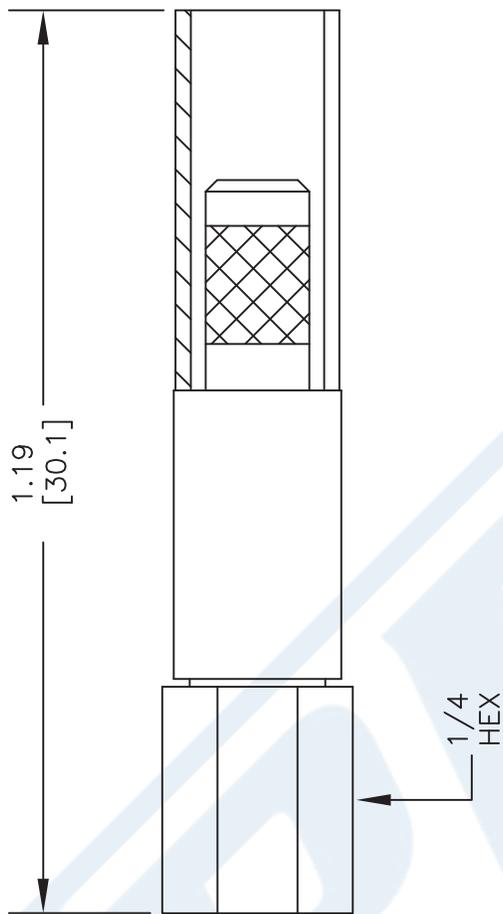
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMC Plug Connector Crimp/Solder Attachment for RG55, RG142, RG223, RG400 PE45396](#)

URL: <https://www.pasternack.com/smc-plug-rg55-rg142-rg223-rg400-connector-pe45396-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.

# PE45396 CAD Drawing

SMC Plug Connector Crimp/Solder Attachment for RG55, RG142, RG223, RG400



STRIPPING DIMENSIONS

CRIMP SIZE REQUIRED

CONTACT: SOLDER  
 FERRULE: .213" HEX CRIMP TOOL

STANDARD TOLERANCES

.X ±0.2  
 .XX ±0.1  
 .XXX ±0.05

\*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES



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DWG TITLE

**PE45396**

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].

CAGE CODE 53919

CAD FILE 050417

SCALE N/A

SIZE A

2233