



SMA Male Connector Crimp/Solder (Captive Contact)  
 Attachment For RG55, RG142, RG223, RG400

TECHNICAL DATA SHEET

PE4576

**SMA Male Connector Crimp/Solder (Captive Contact) Attachment For RG55, RG142, RG223, RG400**

**Configuration**

Connector	SMA Male
Connector Interface Type	RG55, RG142, RG223, RG400
Cable Attachment Method (Shield/Contact)	Crimp/Solder (Captive Contact)
Body Style	Straight

**Electrical Specifications**

Impedance, Ohms	50
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**Mechanical Specifications**

**Size**

Length, in [mm]	1.235 [31.37]
Width/Dia., in [mm]	0.312 [7.92]
Weight, lbs [g]	0.013 [5.9]

**Connector**

Type	SMA Male
Contact Material and Plating	Gold
Coupling Nut Material and Plating	Brass, Nickel
Hex Size, in.	5/16
Torque, in-lbs [Nm]	5 [0.57]
Body Material and Plating	Brass, Nickel
Dielectric Type	PTFE

**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

SMA Male Connector Crimp/Solder (Captive Contact) Attachment For RG55, RG142, RG223, RG400 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: [SMA Male Connector Crimp/Solder \(Captive Contact\) Attachment For RG55, RG142, RG223, RG400 PE4576](http://www.pasternack.com/sma-male-standard-rg55-rg142-rg223-rg400-connector-pe4576-p.aspx)

URL: <http://www.pasternack.com/sma-male-standard-rg55-rg142-rg223-rg400-connector-pe4576-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.

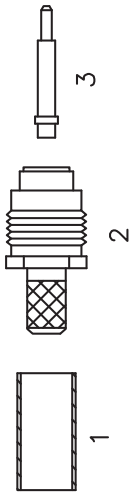


# PE4576 CAD Drawing

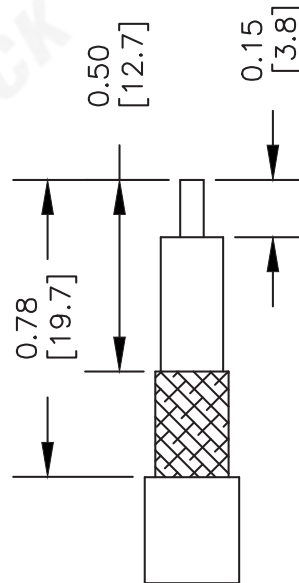
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## ASSEMBLY PROCEDURES



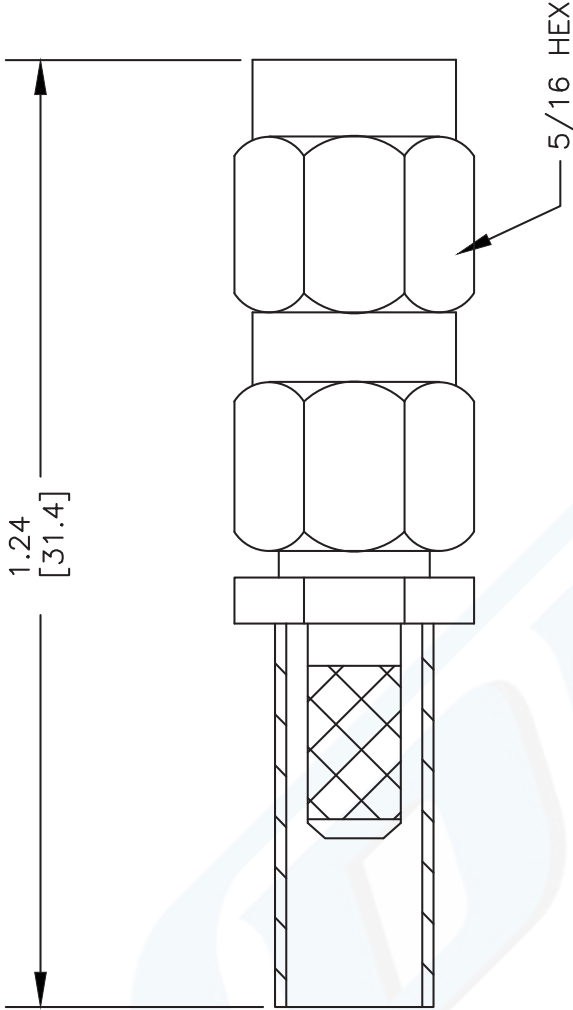
1. STRIP CABLE AS SHOWN. DO NOT NICK CENTER CONDUCTOR. TIN CENTER CONDUCTOR.
2. SLIDE FERRULE (1) OVER CABLE. FLAIR BRAID & SLIDE WEDGE ASSEMBLY (2) UNDER BRAID WITH CENTER CONDUCTOR PROTRUDING THROUGH HOLE IN INSULATOR. SLIDE FERRULE (1) OVER BRAID & AGAINST CLAMP NUT (2). CRIMP FERRULE.
3. SOLDER CONTACT TO CENTER CONDUCTOR. CLEAN, INSERT CABLE ASSEMBLY INTO BODY & TIGHTEN.



## STRIPPING DIMENSIONS

### CRIMP SIZE REQUIRED

FERRULE: .213" HEX CRIMP TOOL



DWG TITLE

**PE4576**

- 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.

FSCM NO. 53919

CAD FILE 111105

SCALE N/A

SIZE A

127



**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