



SMA Male Connector Solder Attachment For
PE-SR405AL, PE-SR405FL, RG405

TECHNICAL DATA SHEET

PE4005

Configuration

Connector	SMA Male
Connector Interface Type	PE-SR405AL, PE-SR405FL, RG405
Cable Attachment Method (Shield/Contact)	Solder/Solder
Body Style	Straight
Option	Silicone Gasket

Electrical Specifications

Frequency Range, GHz	DC to 18
Impedance, Ohms	50

Mechanical Specifications

Size

Length, in [mm]	0.405 [10.29]
Width/Dia., in [mm]	0.312 [7.92]
Weight, lbs [g]	0.006 [2.72]

Connector

Type	SMA Male
Mating Cycles	500
Contact Material and Plating	Brass, Gold
Contact Plating Specification	50μ in. minimum, MIL-G-45204
Coupling Nut Material and Plating	Brass, Nickel
Coupling Nut Plating Specification	QQ-N-290
Hex Size, in.	5/16
Torque, in-lbs [Nm]	5 [0.57]
Body Material and Plating	Stainless Steel, Gold
Body Plating Specification	MIL-G-45204
Dielectric Type	PTFE

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant	Yes
REACH Compliant	06/18/2012

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 PE-SR405AL, PE-SR405FL, RG405 PE4005](#)

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.



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Plotted and Other Data

Notes:

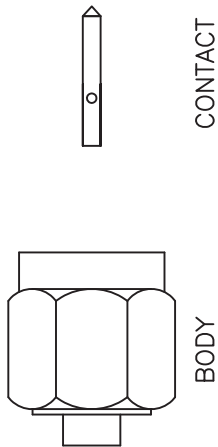
Values at 25 °C, sea level

SMA Male Connector Solder Attachment For PE-SR405AL, PE-SR405FL, RG405 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 Solder Attachment For PE-SR405AL, PE-SR405FL, RG405 PE4005](#)

URL: <http://www.pasternack.com/sma-male-standard-pe-sr405al-pe-sr405fl-rg405-connector-pe4005-p.aspx>

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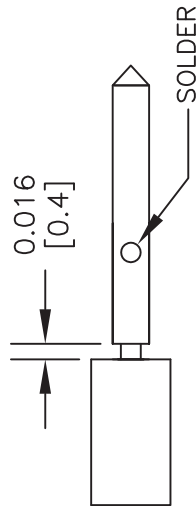


ASSEMBLY PROCEDURES

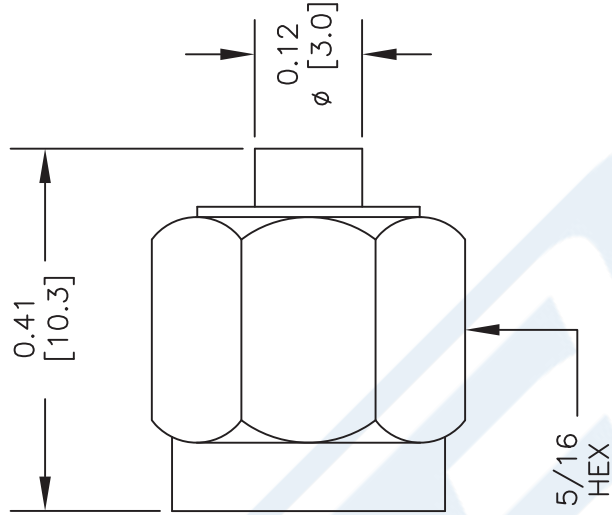
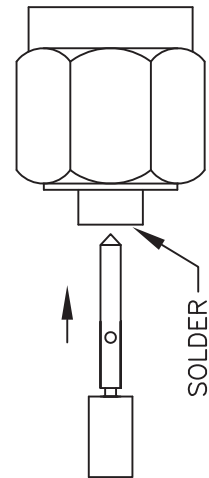
1. STRIP CABLE AS SHOWN. DO NOT NICK CENTER CONDUCTOR.



2. PLACE CONTACT OVER CENTER CONDUCTOR AS SHOWN. SOLDER CONTACT TO CENTER CONDUCTOR AS SHOWN.



3. INSERT CABLE AND CONTACT INTO CONNECTOR BODY UNTIL FULLY ENGAGED. SOLDER BODY TO CABLE.



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DWG TITLE

PE4005

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.

REV. C FSCM NO. 53919 CAD FILE 111811 SCALE N/A SIZE A 2233