PASTERNACK®
THE ENGINEER'S RF SOURCE



SMC Plug Connector Solder Attachment For PE-SR405AL, PE-SR405FL, RG405

TECHNICAL DATA SHEET PE44977

Configuration

Connector	SMC Plug
Connector Interface Type	PE-SR405AL,PE-SR405FL,RG405
Cable Attachment Method (Shield/Contact)	Solder/Solder
Body Style	Straight

Electrical Specifications

Frequency Range, GHz	DC to 10
Impedance, Ohms	50
Maximum VSWR	1.35:1
Maximum Insertion Loss, dB	0.4
Maximum Operating Voltage, Volts	250
Dielectric Withstanding Voltage, Vrms	750

Mechanical Specifications

Temperature

Operating Range, deg C	-65 to +105

Size

Length, in [mm]	0.56 [14.22]
Width/Dia., in [mm]	0.23 [5.84]
Weight, lbs [g]	0.008 [3.63]

Connector

Type	SMC Plug
Mating Cycles	500
Contact Material and Plating	Beryllium Copper, Gold
Coupling Nut Material and Plating	Brass, Gold
Body Material and Plating	Brass, Gold
Dielectric Type	PTFE

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

RoHS Compliant	Yes

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 Solder Attachment For PE-SR405AL, PE-SR405FL, RG405 PE44977

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 Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
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Plotted and Other Data

Notes: Values at 25 °C, sea level

SMC Plug 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.

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URL: http://www.pasternack.com/smc-plug-standard-pe-sr405al-pe-sr405fl-rg405-connector-pe44977-p.aspx

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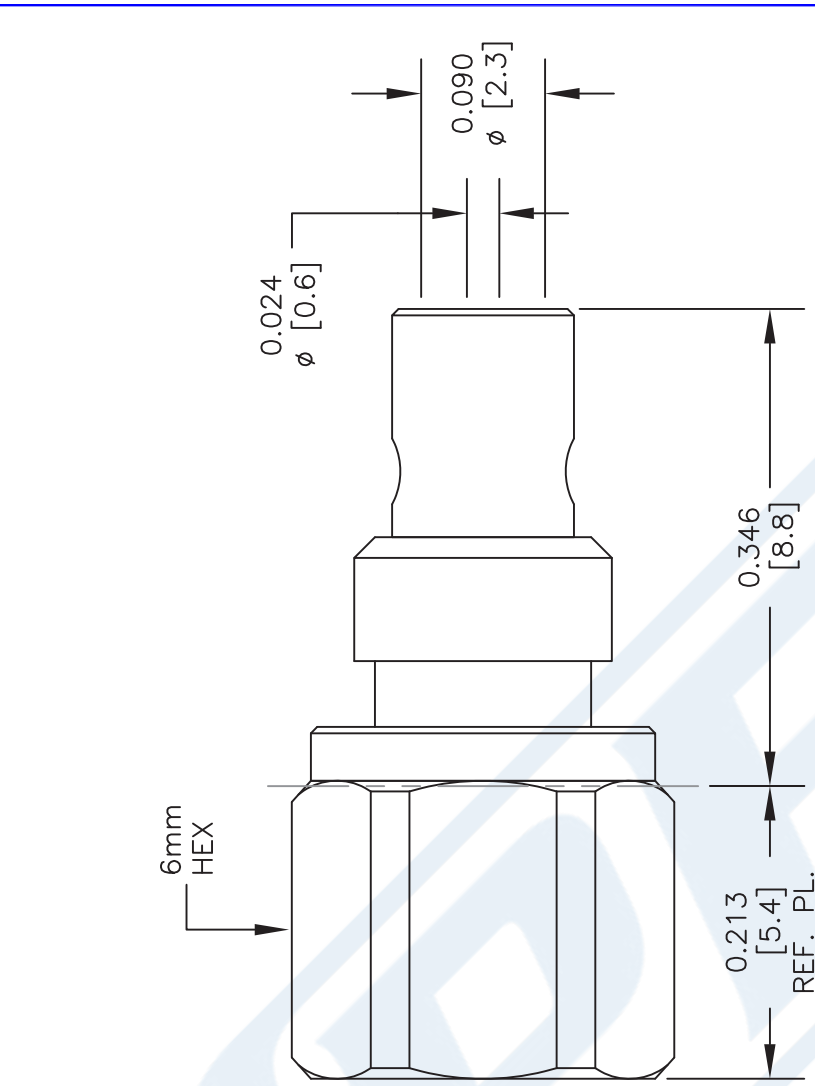
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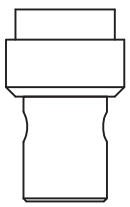
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PE44977 CAD Drawing

SMC Plug Connector Solder Attachment For PE-SR405AL, PE-SR405FL, RG405





BODY



CENTER CONTACT

STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. STRIP OFF THE OUTER CONDUCTOR AND THE DIELECTRIC. SOLDER THE CONTACT.
2. PUT THE ASSEMBLY INTO THE BODY. SOLDER THE BODY ON THE SEMI-RIGID CABLE.

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.

DWG TITLE **PE44977**

CAD FILE 030314 | SCALE N/A | SIZE A | 2233

FSCM NO. 53919

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