



1.85mm Male Connector Solder Attachment for PE-SR405AL,
PE-SR405FL, RG405 Direct Solder without Center Conductor

TECHNICAL DATA SHEET

PE44336

Configuration

Connector	1.85mm Male
Connector Specification	IEEE-STD-P287
Connector Interface Type	PE-SR405AL, PE-SR405FL, RG405
Attachment Method (Shield/Contact)	Solder
Body Style	Straight

Electrical Specifications

Frequency Range	DC to 60 GHz
Impedance	50 Ohms
Maximum VSWR	1.33:1
Maximum Insertion Loss	0.39 dB

Mechanical Specifications

Size

Length	0.531 in [13.49 mm]
Width/Dia.	0.312 in [7.92 mm]
Weight	0.008 lbs [3.63 g]

Connector

Type	1.85mm Male
Contact Material and Plating	Beryllium Copper, Gold
Contact Plating Specification	ASTM-B488
Coupling Nut Material and Plating	Passivated Stainless Steel
Coupling Nut Plating Specification	SAE-AMS-2700
Hex Size	1/4 in.
Torque	8 in-lbs [0.9 Nm]
Body Material and Plating	Passivated Stainless Steel
Body Plating Specification	SAE-AMS-2700

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

RoHS Compliant	
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: [1.85mm Male Connector Solder Attachment for PE-SR405AL, PE-SR405FL, RG405 Direct Solder without Center Conductor PE44336](#)



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Plotted and Other Data

Notes:

- Values at +25 °C, sea level

1.85mm Male Connector Solder Attachment for PE-SR405AL, PE-SR405FL, RG405 Direct Solder without Center Conductor from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave 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: [1.85mm Male Connector Solder Attachment for PE-SR405AL, PE-SR405FL, RG405 Direct Solder without Center Conductor PE44336](http://www.pasternack.com/1.85mm-male-pe-sr405al-pe-sr405fl-rg405-connector-pe44336-p.aspx)

URL: <http://www.pasternack.com/1.85mm-male-pe-sr405al-pe-sr405fl-rg405-connector-pe44336-p.aspx>

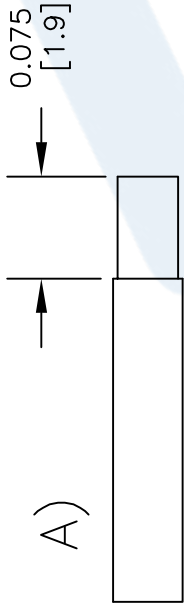
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such 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.

PE44336 CAD Drawing

1.85mm Male Connector Solder Attachment for PE-SR405AL, PE-SR405FL, RG405 Direct Solder without Center Conductor

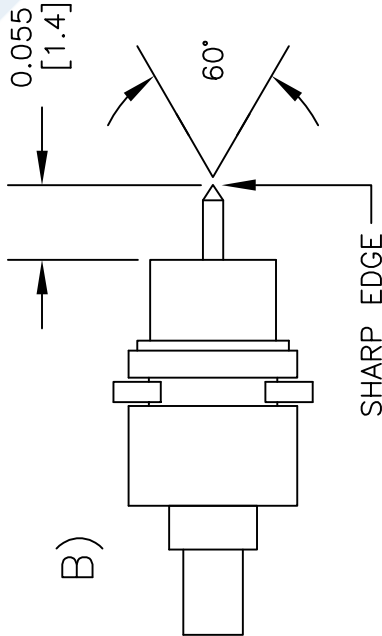
ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN IN (A).



2. SLIDE BODY OVER CABLE UNTIL IT STOPS. SOLDER BODY ONTO CABLE.

3. STRIP CABLE AS SHOWN IN ASSEMBLY (B) THEN INSTALL COUPLING NUT, FORM POINT ON COAX CENTER CONDUCTOR AS SHOWN.



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

PE44336

FSCM NO. 53919

SCALE N/A

SIZE A

150

PE PASTERNAK
THE ENGINEER'S RF SOURCE

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