



SMP Female Right Angle Connector Crimp/Crimp
Attachment For RG178B, RG196A, Up To 8 GHz

TECHNICAL DATA SHEET

PE44774

SMP Female Right Angle Connector Crimp/Crimp Attachment For RG178B, RG196A, Up To 8 GHz

Configuration

Connector	SMP Female
Connector Specification	MIL-STD-348A
Connector Interface Type	RG178B, RG196A
Cable Attachment Method (Shield/Contact)	Crimp/Crimp
Body Style	Right Angle

Electrical Specifications

Frequency Range, GHz	DC to 8
Impedance, Ohms	50
Maximum VSWR	1.1:1

Mechanical Specifications

Temperature

Operating Range, deg C	-55 to +155
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Size

Length, in [mm]	0.272 [6.91]
Width/Dia., in [mm]	0.157 [3.99]
Height, in [mm]	0.295 [7.49]

Connector

Type	SMP Female
Contact Material and Plating	Beryllium Copper, Gold
Contact Plating Specification	MIL-DTL-45204
Outer Conductor Material and Plating	Beryllium Copper, Gold
Body Material and Plating	Brass, Gold
Body Plating Specification	MIL-DTL-45204
Dielectric Type	PTFE

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

RoHS Compliant	Yes
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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMP Female Right Angle Connector Crimp/Crimp Attachment For RG178B, RG196A, Up To 8 GHz PE44774](#)

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

SMP Female Right Angle Connector Crimp/Crimp Attachment For RG178B, RG196A, Up To 8 GHz 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.

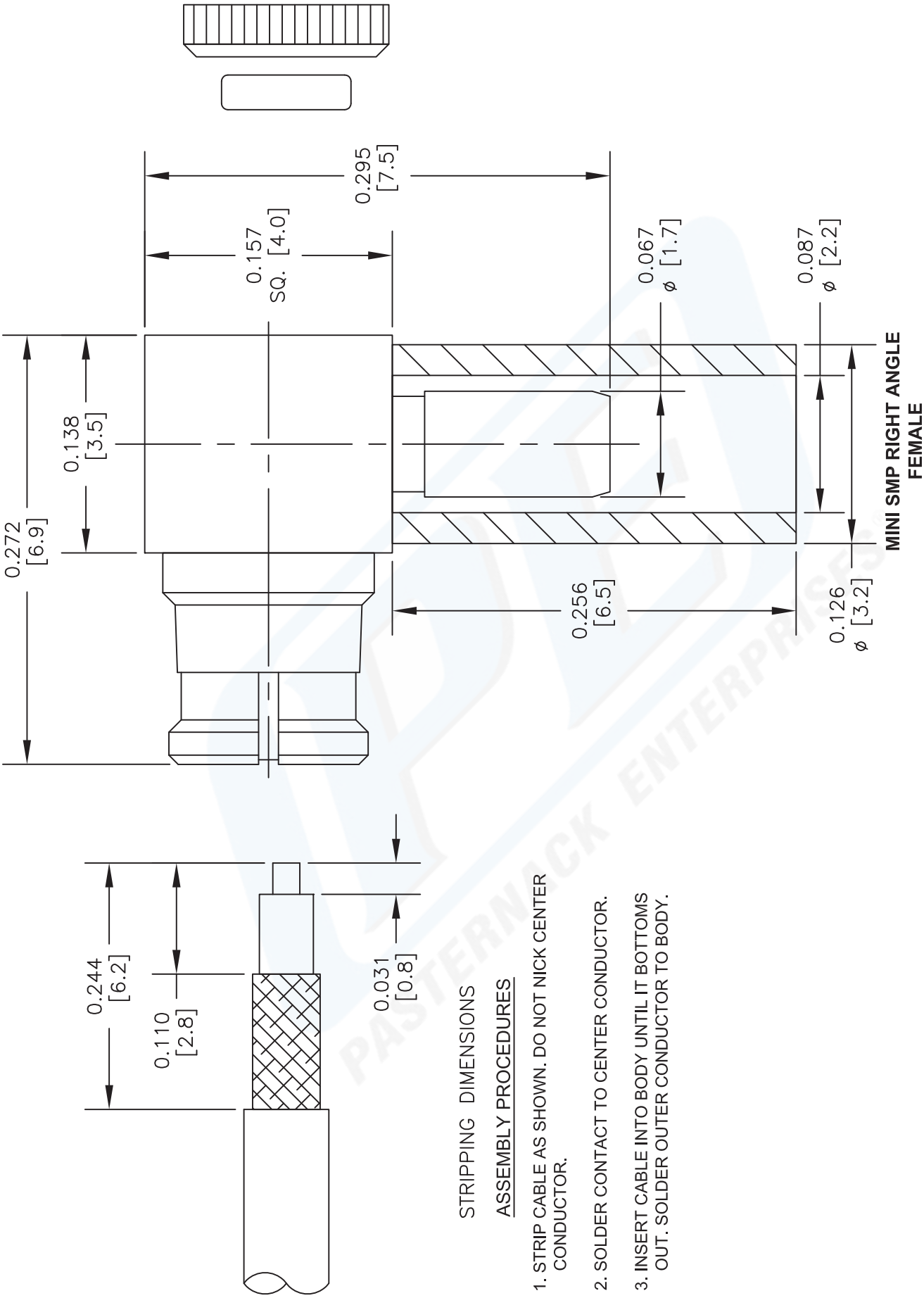
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMP Female Right Angle Connector Crimp/Crimp Attachment For RG178B, RG196A, Up To 8 GHz PE44774](http://www.pasternack.com/smp-female-standard-rg178b-rg196a-connector-pe44774-p.aspx)

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PE44774 CAD Drawing

SMP Female Right Angle Connector Crimp/Crimp Attachment
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STRIPPING DIMENSIONS ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN. DO NOT NICK CENTER CONDUCTOR.
2. SOLDER CONTACT TO CENTER CONDUCTOR.
3. INSERT CABLE INTO BODY UNTIL IT BOTTOMS OUT. SOLDER OUTER CONDUCTOR TO BODY.

DWG TITLE

PE44774

- 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.

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FSCM NO. 53919

CAD FILE 050613

SCALE N/A

SIZE A

2233