



SMA Male Connector Clamp/Solder Attachment for RG58, RG303, LMR-195, PE-P195

RF Connectors Technical Data Sheet

PE45140

Configuration

- SMA Male Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- RG58, RG303, LMR-195, PE-P195 Interface Type
- Clamp/Solder Attachment
- 5/16 Inch Hex

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		12.4	GHz
VSWR			1.28:1	
Operating Voltage (AC)			500	Vrms

Mechanical Specifications

Size

Length	0.88 in [22.35 mm]
Width/Dia.	0.49 in [12.45 mm]
Weight	0.041 lbs [18.6 g]

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 50μ in. minimum
Insulation	Teflon	
Body	Brass	Gold 3μ in. minimum
Coupling Nut	Brass	Gold 3μ in. minimum

Environmental Specifications

Temperature

Operating Range	-65 to 165 deg C
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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: [SMA Male Connector Clamp/Solder Attachment for RG58, RG303, LMR-195, PE-P195 PE45140](#)



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

RoHS Compliant

REACH Compliant

12/17/2014

Plotted and Other Data

Notes:

SMA Male Connector Clamp/Solder Attachment for RG58, RG303, LMR-195, PE-P195 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.

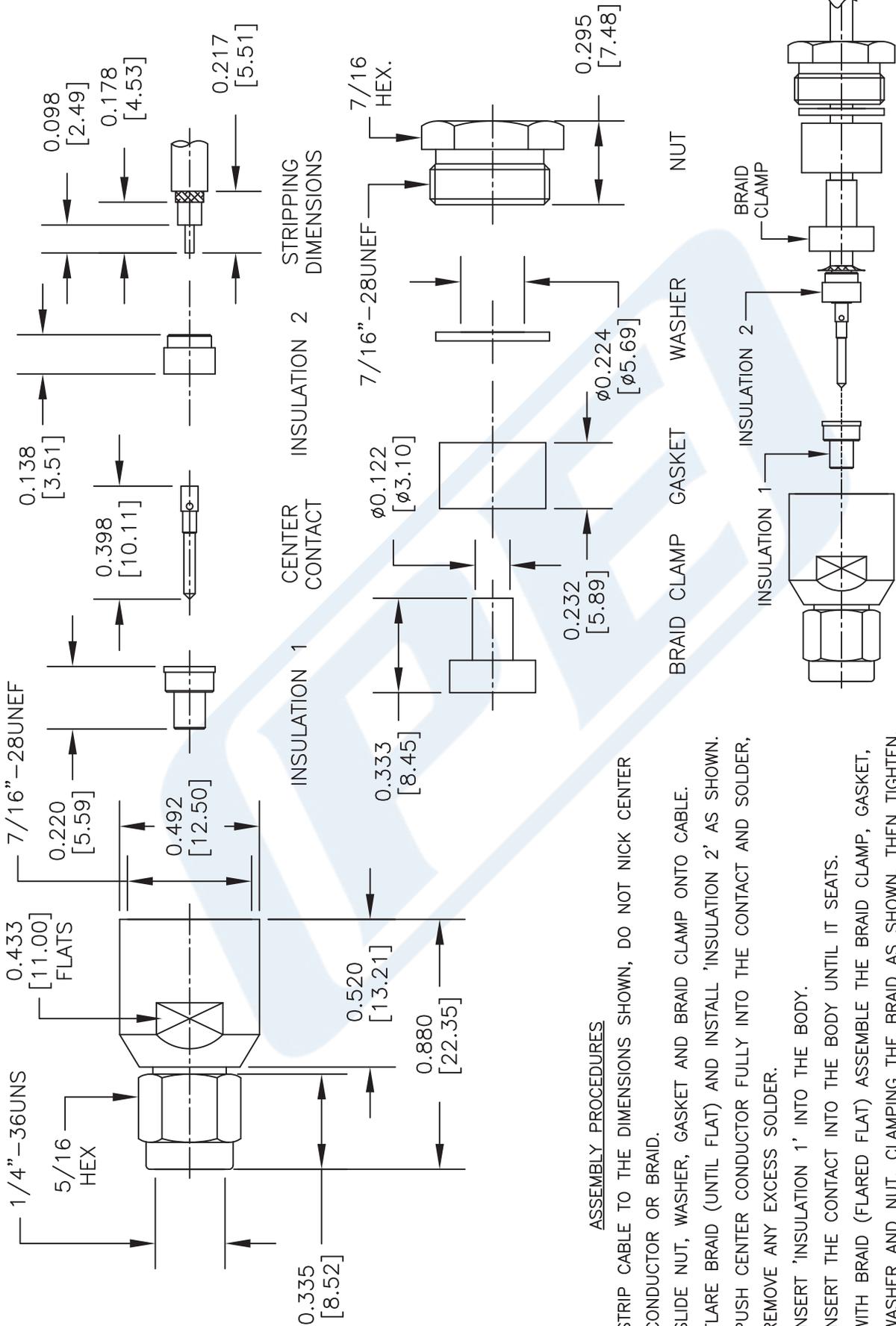
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male Connector Clamp/Solder Attachment for RG58, RG303, LMR-195, PE-P195 PE45140](http://www.pasternack.com/sma-male-rg58-rg303-lmr-195-pe-p195-connector-pe45140-p.aspx)

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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.

PE45140 CAD Drawing

SMA Male Connector Clamp/Solder Attachment for RG58, RG303, LMR-195, PE-P195



ASSEMBLY PROCEDURES

1. STRIP CABLE TO THE DIMENSIONS SHOWN, DO NOT NICK CENTER CONDUCTOR OR BRAID.
2. SLIDE NUT, WASHER, GASKET AND BRAID CLAMP ONTO CABLE.
3. FLARE BRAID (UNTIL FLAT) AND INSTALL 'INSULATION 2' AS SHOWN.
3. PUSH CENTER CONDUCTOR FULLY INTO THE CONTACT AND SOLDER, REMOVE ANY EXCESS SOLDER.
4. INSERT 'INSULATION 1' INTO THE BODY.
5. INSERT THE CONTACT INTO THE BODY UNTIL IT SEATS.
6. WITH BRAID (FLARED FLAT) ASSEMBLE THE BRAID CLAMP, GASKET, WASHER AND NUT, CLAMPING THE BRAID AS SHOWN, THEN TIGHTEN.
7. RECOMMENDED TORQUE 3-6 IN-LBS.

DWG TITLE

PE45140

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].

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SCALE N/A

SIZE A

200