PASTERNACK®
THE ENGINEER'S RF SOURCE

# UHF Male Connector Solder Attachment For RG58, RG303, RG141, PE-C195, PE-P195, LMR-195

## TECHNICAL DATA SHEET PE44829

### Configuration

| | |
|---|---|
| Connector | UHF Male |
| Connector Interface Type | RG58,RG303,RG141,PE-C195,PE-P195,LMR-195 |
| Cable Attachment Method (Shield/Contact) | Solder |
| Body Style | Straight |

### Electrical Specifications

| | |
|---|---|
| Frequency Range, MHz | DC to 300 |
| Impedance, Ohms | 50 |
| Maximum VSWR | 1.3:1 |
| Maximum Operating Voltage, Volts | 500 |

### Mechanical Specifications

**Temperature**

| | |
|---|---|
| Operating Range, deg C | -55 to +85 |

**Size**

| | |
|---|---|
| Length, in [mm] | 1.41 [35.81] |
| Width/Dia., in [mm] | 0.7 [17.78] |
| Weight, lbs [g] | 0.041 [18.6] |

**Connector**

| | |
|---|---|
| Type | UHF Male |
| Contact Material and Plating | Brass, Gold |
| Contact Plating Specification | 30µ in. minimum |
| Coupling Nut Material and Plating | Brass, Nickel |
| Coupling Nut Plating Specification | 100µ in. minimum |
| Body Material and Plating | Brass, Nickel |
| Body Plating Specification | 100µ in. minimum |
| Dielectric Type | Teflon |

### 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: UHF Male Connector Solder Attachment For RG58, RG303, RG141, PE-C195, PE-P195, LMR-195 PE44829

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
**Phone:** (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
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### Plotted and Other Data

Notes: Values at 25 °C, sea level

UHF Male Connector Solder Attachment For RG58, RG303, RG141, PE-C195, PE-P195, LMR-195 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: UHF Male Connector Solder Attachment For RG58, RG303, RG141, PE-C195, PE-P195, LMR-195 PE44829

URL: http://www.pasternack.com/uhf-male-standard-rg58-rg303-rg141-pe-c195-lmr-195-connector-pe44829-p.aspx

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# PE44829 CAD Drawing

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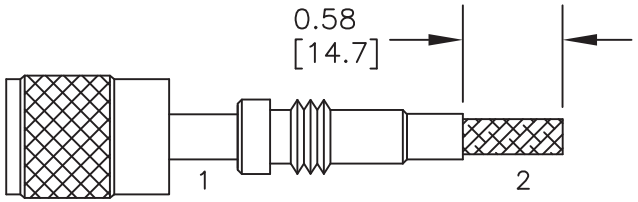


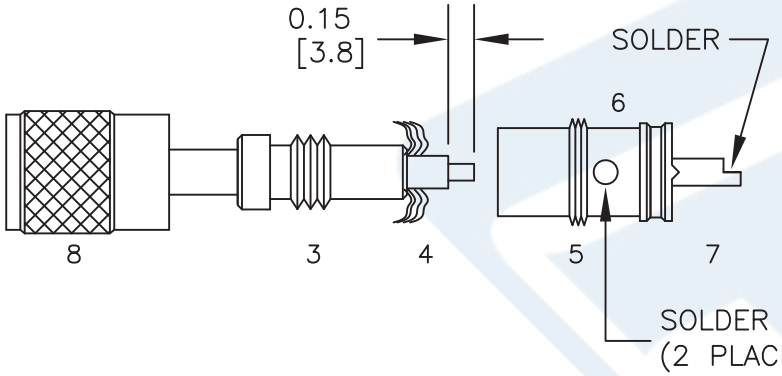


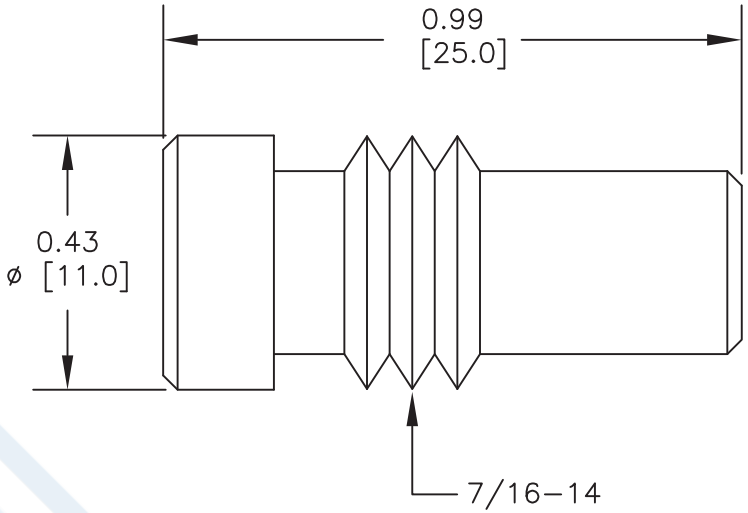


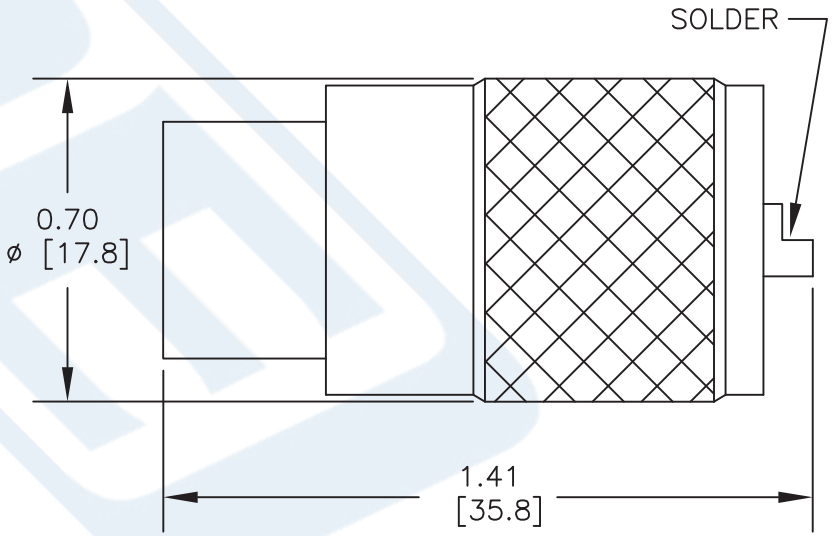


## ASSEMBLY PROCEDURES

1. SLIDE : COUPLING NUT & CLAMP OVER THE JACKET OF COAX CABLE.
2. STRIP TO GIVEN DIMENSIONS.
3. SLIDE CLAMP TOWARD THE BEGINNING OF THE STRIPPED AREA.
4. FLARE / COMB BRAID BACK ONTO THE CLAMP AND STRIP CENTER CONDUCTOR.
5. THREAD CONNECTOR BODY ONTO CLAMP.
6. SOLDER CONNECTOR BODY ON TOTHE BRAIDED & CLAMP THROUGH SOLDER HOLE.
7. SOLDER CENTER CONTACT ONTO THE CENTER CONDUCTOR.
8. SLIDE COUPLING NUT FORWARD & THREAD ONTO THE CONNECTOR BODY.

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DWG TITLE

**PE44829**

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.

| FSCM NO. 53919 | CAD FILE 052113 | SCALE N/A | SIZE A | 2233 |
|---|---|---|---|---|