



# 10-32 Male Connector Clamp/Solder Attachment For RG178, RG196

## TECHNICAL DATA SHEET

**PE44354**

### 10-32 Male Connector Clamp/Solder Attachment For RG178, RG196

#### Configuration

|                                          |              |
|------------------------------------------|--------------|
| Connector                                | 10-32 Male   |
| Connector Specification                  | MIL-C-39012  |
| Connector Interface Type                 | RG178, RG196 |
| Cable Attachment Method (Shield/Contact) | Clamp/Solder |
| Body Style                               | Straight     |

#### Electrical Specifications

|                 |    |
|-----------------|----|
| Impedance, Ohms | 50 |
|-----------------|----|

#### Mechanical Specifications

##### Temperature

|                        |             |
|------------------------|-------------|
| Operating Range, deg C | -65 to +165 |
|------------------------|-------------|

##### Size

|                     |               |
|---------------------|---------------|
| Length, in [mm]     | 0.725 [18.42] |
| Width/Dia., in [mm] | 0.26 [6.60]   |
| Weight, lbs [g]     | 0.009 [4.08]  |

#### Connector

|                                   |               |
|-----------------------------------|---------------|
| Type                              | 10-32 Male    |
| Contact Material and Plating      | Gold          |
| Contact Plating Specification     | MIL-G-45204   |
| Coupling Nut Material and Plating | Brass, Nickel |
| Body Material and Plating         | Brass, Nickel |
| Dielectric Type                   | Teflon        |

#### Compliance Certifications (visit [www.Pasternack.com](http://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: [10-32 Male Connector Clamp/Solder Attachment For RG178, RG196 PE44354](#)

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.



10-32 Male Connector Clamp/Solder  
Attachment For RG178, RG196

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**Plotted and Other Data**

Notes:

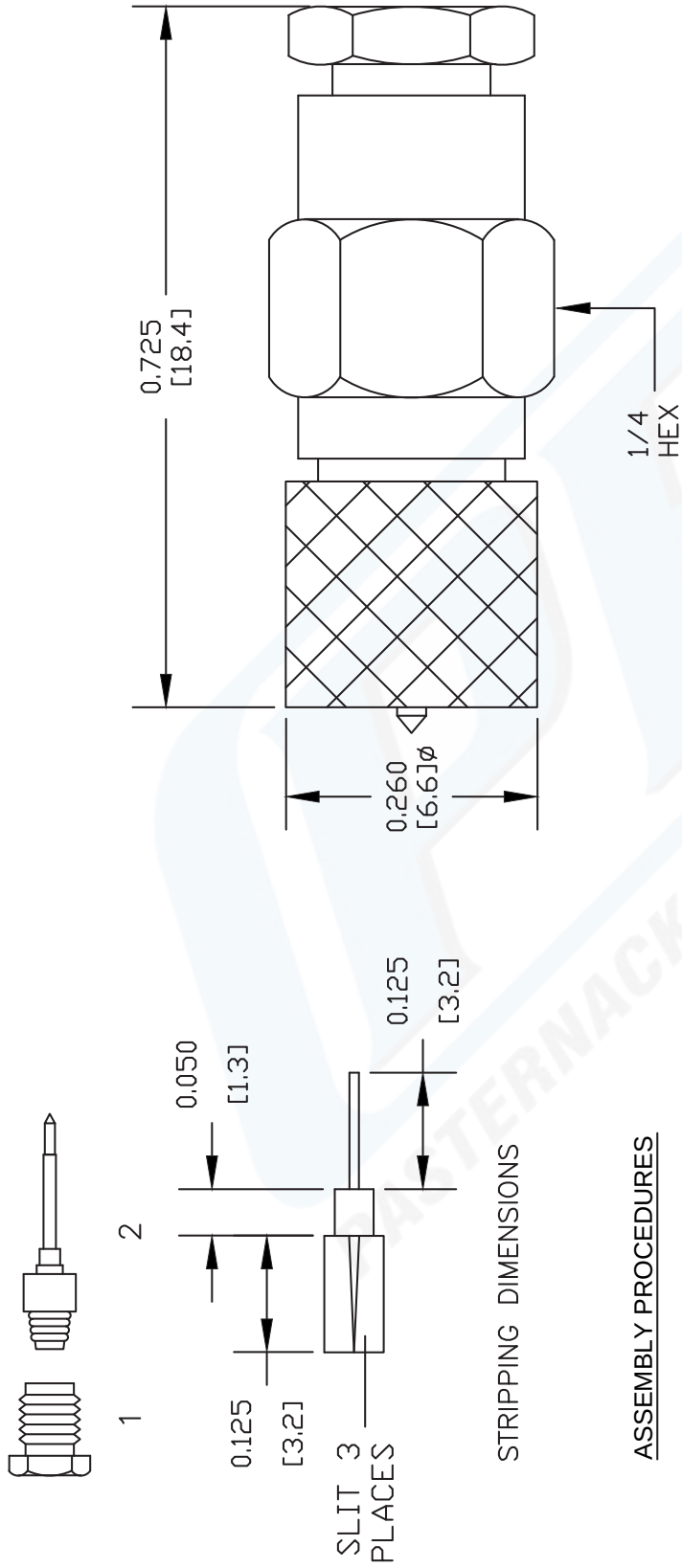
Values at 25 °C, sea level

10-32 Male Connector Clamp/Solder Attachment For RG178, RG196 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: [10-32 Male Connector Clamp/Solder Attachment For RG178, RG196 PE44354](http://www.pasternack.com/10-32-male-standard-rg178-rg196-connector-pe44354-p.aspx)

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ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN. DO NOT NICK CENTER CONDUCTOR. TIN CENTER CONDUCTOR. SLIT JACKET IN 3 PLACES.
2. SLIDE CLAMP NUT (1) OVER CABLE. FLAIR BRAID, SLIDE CONE (2) OVER DIELECTRIC AND UNDER BRAID. SOLDER CONTACT TO CENTER CONDUCTOR THROUGH HOLE IN CONTACT.
3. INSERT ASSEMBLY 1 AND 2 INTO BODY & TIGHTEN.

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  
**PE44354**

FSCM NO. 53919

CAD FILE 090803

SCALE N/A

SIZE A

XXXX

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