



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

### RF Connectors Technical Data Sheet

PE44354

#### Configuration

- 10-32 Male Connector
- MIL-C-39012
- 50 Ohms
- Straight Body Geometry
- RG178, RG196 Interface Type
- Clamp/Solder Attachment

#### Features

- Gold Plated Contact
- Contact plating according to MIL-G-45204

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

Pasternack's PE44354 10-32 male connector with clamp/solder attachment for RG178 and RG196 is part of our full line of RF components available for same-day shipping.

Our 10-32 male connector PE44354 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

#### Mechanical Specifications

<b>Size</b>	
Length	0.725 in [18.42 mm]
Width/Dia.	0.26 in [6.60 mm]
Weight	0.009 lbs [4.08 g]

#### Material Specifications

Description	Material	Plating
Contact		Gold MIL-G-45204
Insulation	PTFE	
Body	Brass	Nickel QQ-N-290
Coupling Nut	Brass	Nickel QQ-N-290

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](#)

10-32 Male Connector Clamp/Solder  
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**Environmental Specifications**

**Temperature**

Operating Range

-65 to +165 deg C

**Compliance Certifications** (see [product page](#) for current document)

**Plotted and Other Data**

Notes:

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](#)

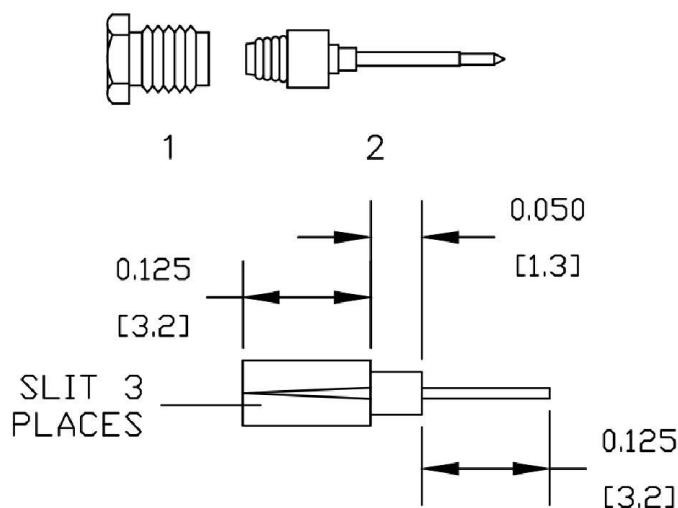
10-32 Male Connector Clamp/Solder  
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**Assembly Instruction**



**STRIPPING DIMENSIONS**

**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.

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](#)



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

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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 millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

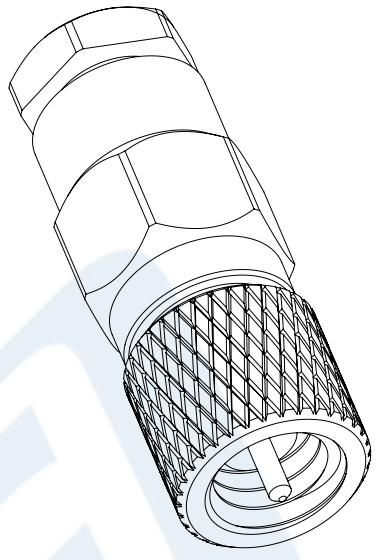
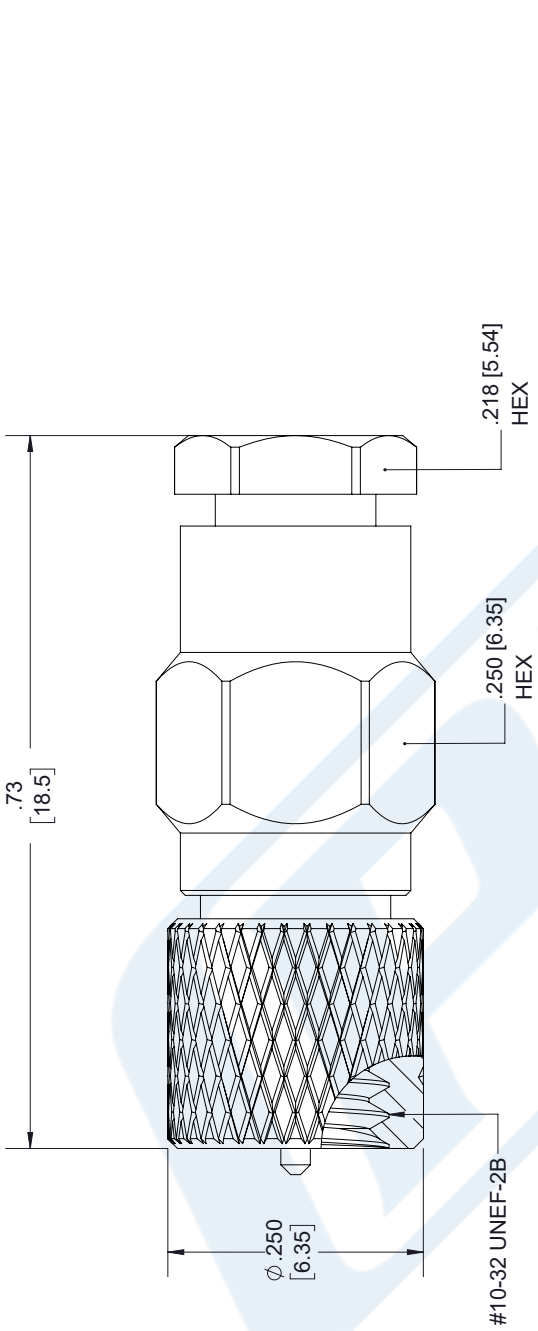
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [10-32 Male Connector Clamp/Solder Attachment for RG178, RG196 PE44354](https://www.pasternack.com/10-32-male-standard-rg178-rg196-connector-pe44354-p.aspx)

URL: <https://www.pasternack.com/10-32-male-standard-rg178-rg196-connector-pe44354-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.

PE44354 CAD Drawing

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



STANDARD TOLERANCES	
.X	±0.2
.XX	±0.01
.XXX	±0.005

\*STANDARD TOLERANCES APPLY  
ONLY TO DIMENSIONS IN INCHES



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DWG TITLE	PE44354
CAGE CODE	53919

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].	CAD FILE	120617	SCALE	N/A	SIZE	A	7361
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