



10-32 Female Bulkhead Connector Crimp/Solder Attachment  
For RG174, RG316, RG188, .295 inch D Hole

TECHNICAL DATA SHEET

PE44365

**10-32 Female Bulkhead Connector Crimp/Solder Attachment For RG174, RG316, RG188, .295 inch D Hole**

**Configuration**

|  |                     |
|--|---------------------|
| Connector                                | 10-32 Female        |
| Connector Specification                  | MIL-C-39012         |
| Connector Interface Type                 | RG174, RG316, RG188 |
| Cable Attachment Method (Shield/Contact) | Crimp/Solder        |
| Body Style                               | Straight            |
| Mount Method                             | Bulkhead            |

**Electrical Specifications**

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

**Mechanical Specifications**

**Temperature**

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

**Size**

|                     |               |
|---------------------|---------------|
| Length, in [mm]     | 1.095 [27.81] |
| Width/Dia., in [mm] | 0.438 [11.13] |
| Weight, lbs [g]     | 0.017 [7.71]  |

**Connector**

|                               |               |
|-------------------------------|---------------|
| Type                          | 10-32 Female  |
| Contact Material and Plating  | Gold          |
| Contact Plating Specification | MIL-G-45204   |
| 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 Female Bulkhead Connector Crimp/Solder Attachment For RG174, RG316, RG188, .295 inch D Hole PE44365](#)

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

10-32 Female Bulkhead Connector Crimp/Solder Attachment For RG174, RG316, RG188, .295 inch D Hole 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.

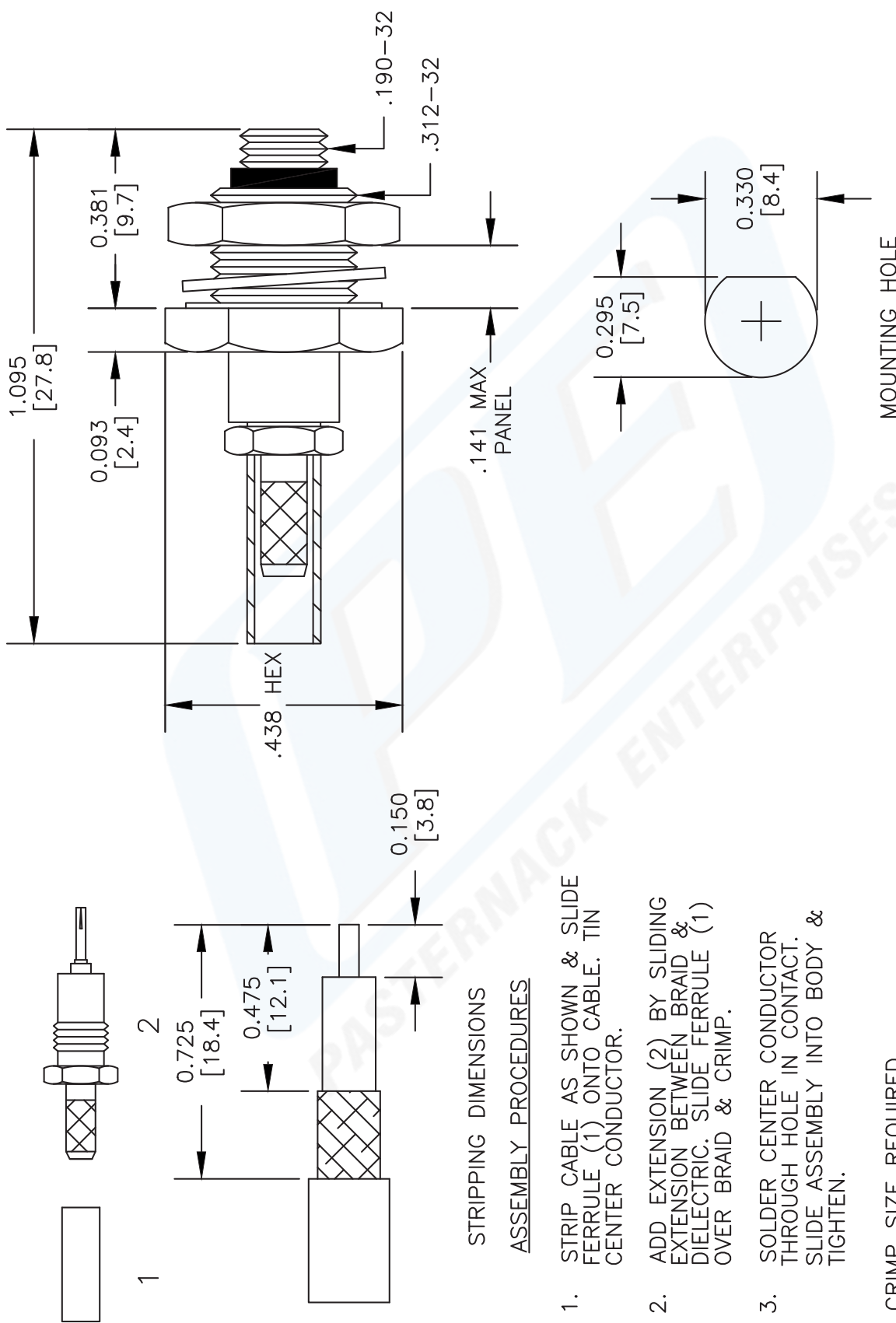
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PE44365 CAD Drawing

10-32 Female Bulkhead Connector Crimp/Solder Attachment  
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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  
**PE44365**

**PE PASTERNAK**  
Pasternack Enterprises, Inc.  
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FSCM NO. 53919

CAD FILE 090803  
SCALE N/A  
SIZE A  
XXX



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## Flexible RG188 Coax Cable Single Shielded with White PTFE Jacket

### RF Cables Technical Data Sheet

RG188A/U

#### Configuration

- Flexible Cable
- 1 Shield(s)

#### Electrical Specifications

| Description                          | Minimum | Typical | Maximum | Units |
|--------------------------------------|---------|---------|---------|-------|
| Frequency Range                      | DC      |         | 3       | GHz   |
| Impedance                            |         | 50      |         | Ohms  |
| Dielectric Withstanding Voltage (AC) |         |         | 2,000   | Vrms  |

#### Performance by Frequency Band

| Description      | F1    | F2 | F3 | F4 | F5 | Units    |
|------------------|-------|----|----|----|----|----------|
| Frequency        | 400   |    |    |    |    | MHz      |
| Attenuation, Typ | 20    |    |    |    |    | dB/100ft |
|                  | 65.62 |    |    |    |    | dB/100m  |

#### Mechanical Specifications

|          |                          |
|----------|--------------------------|
| Diameter | 0.11 in [2.79 mm]        |
| Weight   | 0.011 lbs/ft [0.02 Kg/m] |

#### Construction Specifications

| Description     | Material and Plating                         | Diameter           |
|-----------------|--|--------------------|
| Inner Conductor | Copper Clad Steel, Silver, 7 Strands         | 0.02 in [0.51 mm]  |
| Conductor Type  | Stranded                                     |                    |
| Dielectric      | PTFE   | 0.06 in [1.52 mm]  |
| First Shield    | Silver Plated Copper Braid<br>95.2% coverage | 0.081 in [2.06 mm] |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG188 Coax Cable Single Shielded with White PTFE Jacket RG188A/U](#)

## Flexible RG188 Coax Cable Single Shielded with White PTFE Jacket

### RF Cables Technical Data Sheet

**RG188A/U**

|        |             |                   |
|--------|-------------|-------------------|
| Jacket | PTFE, White | 0.11 in [2.79 mm] |
|--------|-------------|-------------------|

#### Environmental Specifications

##### Temperature

Operating Range -55 to +250 deg C

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

#### Plotted and Other Data

Notes:

Flexible RG188 Coax Cable Single Shielded with White PTFE Jacket 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: [Flexible RG188 Coax Cable Single Shielded with White PTFE Jacket RG188A/U](#)

URL: <https://www.pasternack.com/50-ohm-flexible-rg188au-ptfe-jacket-silver-plated-copper-braid-outer-conductor-single-shielded-white-rg188a-u-p.aspx>

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RG188A/U CAD Drawing

Flexible RG188 Coax Cable Single Shielded with White PTFE Jacket



SECTION VIEW

STANDARD TOLERANCES

- .X ±0.2
- .XX ±0.01
- .XXX ±0.005

\*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES



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Website: [www.pasternack.com](http://www.pasternack.com) | E-Mail: [sales@pasternack.com](mailto:sales@pasternack.com)

DWG TITLE

RG188A/U

CAGE CODE 53919

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CAD FILE 091817

SCALE N/A

SIZE A

7361