SMA Female Bulkhead Mount Connector Crimp/Solder Attachment for RG316, RG174, RG188, PE-B100, PE-C100, .100 inch, LMR-100, .235 inch D Hole

**Configuration**
- SMA Female Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- RG316, RG174, RG188, PE-B100, PE-C100, .100 inch, LMR-100 Interface Type
- Crimp/Solder Attachment
- Bulkhead

**Features**
- Gold Plated Beryllium Copper Contact
- Contact plating according to MIL-G-45204

**Applications**
- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies

**Description**
Pasternack’s PE4427 SMA female bulkhead connector with crimp/solder attachment for RG316, RG174, RG188, PE-B100, PE-C100, .100 inch and LMR-100 (.235 inch D hole) is part of our full line of RF components available for same-day shipping. This SMA bulkhead connector allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Our SMA female bulkhead connector PE4427 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**
- **Size**
  - Length: 0.9 in [22.86 mm]
  - Width/Dia.: 0.312 in [7.92 mm]
  - Weight: 0.008 lbs [3.63 g]

**Material Specifications**

<table>
<thead>
<tr>
<th>Description</th>
<th>Material</th>
<th>Plating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact</td>
<td>Beryllium Copper</td>
<td>Gold</td>
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<tr>
<td></td>
<td></td>
<td>MIL-G-45204</td>
</tr>
<tr>
<td>Outer Conductor</td>
<td>Brass</td>
<td>Nickel</td>
</tr>
<tr>
<td>Body</td>
<td>Brass</td>
<td>Nickel</td>
</tr>
</tbody>
</table>

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: SMA Female Bulkhead Mount Connector Crimp/Solder Attachment for RG316, RG174, RG188, PE-B100, PE-C100, .100 inch, LMR-100, .235 inch D Hole PE4427

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RF Connectors Technical Data Sheet

Environmental Specifications

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: SMA Female Bulkhead Mount Connector Crimp/Solder Attachment for RG316, RG174, RG188, PE-B100, PE-C100, .100 inch, LMR-100, .235 inch D Hole PE4427

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Assembly Instruction

1. STRIP CABLE TO THE DIMENSIONS SHOWN, DO NOT NICK CENTER CONDUCTOR OR BRAID.
2. SLIDE FERRULE OVER CABLE.
3. PUSH CENTER CONDUCTOR FULLY INTO CONTACT AND SOLDER, REMOVE ANY EXCESS SOLDER.
4. FLAIR BRAID AND INSERT CONTACT INTO THE BODY UNTIL IT SEATS.
5. SLIDE FERRULE OVER BRAID AND CRIMP.

CRIMP SIZE REQUIRED

- FERRULE: A.128" HEX CRIMP TOOL.
- CONTACT: SOLDER.

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SMA Female Bulkhead Mount Connector Crimp/Solder Attachment for RG316, RG174, RG188, PE-B100, PE-C100, .100 inch, LMR-100, .235 inch D Hole 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: SMA Female Bulkhead Mount Connector Crimp/Solder Attachment for RG316, RG174, RG188, PE-B100, PE-C100, .100 inch, LMR-100, .235 inch D Hole PE4427

URL: https://www.pasternack.com/sma-female-rg316-rg174-pe-b100-pe-c100-.100-connector-pe4427-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.
**STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES**

- **X**: ±0.2
- **XX**: ±0.01
- **XXX**: ±0.005

**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].

**SMA Female Bulkhead Mount Connector Crimp/Solder Attachment for RG316, RG174, RG188, PE-B100, PE-C100, 0.100 inch, LMR-100, 0.235 inch D Hole**

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**CAGE CODE**: 53919  **CAD FILE**: 092917  **SCALE**: N/A  **SIZE**: A