7/16 DIN Male Connector Clamp/Solder Attachment for RG393, RG214, RG225, RG215, RG8

RF Connectors Technical Data Sheet PE4567

Configuration
- 7/16 DIN Male Connector
- IEC 169-4
- 50 Ohms
- Straight Body Geometry
- RG393, RG214, RG225, RG215, RG8 Interface Type
- Clamp/Solder Attachment
- 32 mm Hex

Features
- Max. Operating Frequency 1 GHz
- Good VSWR of 1.3:1
- Gold Plated Brass Contact
- 30 µin minimum contact plating

Applications
- General Purpose Test
- Custom Cable Assemblies

Description
Pasternack’s PE4567 7/16 DIN male connector with clamp/solder attachment for RG393, RG214, RG225, RG215 and RG8 is part of our full line of RF components available for same-day shipping. Our 7/16 DIN male connector operates up to a maximum frequency of 1 GHz and offers good VSWR of 1.3:1.

Our 7/16 DIN male connector PE4567 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.

Electrical Specifications

<table>
<thead>
<tr>
<th>Description</th>
<th>Minimum</th>
<th>Typical</th>
<th>Maximum</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency Range</td>
<td>DC</td>
<td></td>
<td>1,000</td>
<td>MHz</td>
</tr>
<tr>
<td>VSWR</td>
<td></td>
<td>1.3:1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating Voltage (AC)</td>
<td></td>
<td>2,700</td>
<td>Vrms</td>
<td></td>
</tr>
</tbody>
</table>

Mechanical Specifications

<table>
<thead>
<tr>
<th>Size</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>1.5 in [38.1 mm]</td>
</tr>
<tr>
<td>Width/Dia.</td>
<td>1.25 in [31.75 mm]</td>
</tr>
<tr>
<td>Weight</td>
<td>0.227 lbs [102.97 g]</td>
</tr>
<tr>
<td>Mating Torque</td>
<td>221 to 265 in-lbs [24.97 to 29.95 Nm]</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: 7/16 DIN Male Connector Clamp/Solder Attachment for RG393, RG214, RG225, RG215, RG8 PE4567
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Material Specifications

<table>
<thead>
<tr>
<th>Description</th>
<th>Material</th>
<th>Plating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact</td>
<td>Brass</td>
<td>Gold, 30 µin minimum</td>
</tr>
<tr>
<td>Insulation</td>
<td>PTFE</td>
<td>Nickel, 100 µin minimum</td>
</tr>
<tr>
<td>Body</td>
<td>Brass</td>
<td>Nickel, 100 µin minimum</td>
</tr>
<tr>
<td>Coupling Nut</td>
<td>Brass</td>
<td>Nickel, 100 µin minimum</td>
</tr>
</tbody>
</table>

Environmental Specifications

Temperature
Operating Range: -55 to +155 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data
Notes:

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RF Connectors Technical Data Sheet

Assembly Instruction

ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT 1, WASHER 2 & GASKET 3 OVER CABLE. STRIP AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. TAPER END OF BRAID TO CABLE PERMIT ASSEMBLY OF BRAID CLAMP 4.

2. SLIDE BRAID CLAMP 4 OVER BRAID & SEAT AGAINST CABLE. FORM BRAID OVER CLAMP NUT 4 TRIM BRAID BACK TO SHOULDER. CUT DIELECTRIC & CENTER CONDUCTOR TO DIMENSION SHOWN. DO NOT NICK CENTER CONDUCTOR INSERT CABLE INTO BODY AND TIGHTEN.

3. SOLDER CENTER CONDUCTOR TO CENTER PIN FROM THE END. REMOVE EXCESS SOLDER FOR A FLUSHED FINISH.

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7/16 DIN Male Connector Clamp/Solder Attachment for RG393, RG214, RG225, RG215, RG8 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.

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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.
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**STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES**

**STANDARD TOLERANCES**

- .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].