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.

**Configuration**

- N Male Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry

**Features**

- Max. Operating Frequency 11 GHz
- Good VSWR of 1.5:1
- Gold Plated Brass Contact
- 30 µin minimum contact plating

**Applications**

- General Purpose Test
- Custom Cable Assemblies

**Description**

Pasternack’s PE4140 type N male connector with solder/solder attachment for PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN and RG402 is part of our full line of RF components available for same-day shipping. Our type N male connector operates up to a maximum frequency of 11 GHz and offers good VSWR of 1.5:1.

Our type N male connector PE4140 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>11</td>
<td>GHz</td>
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<tr>
<td>VSWR</td>
<td></td>
<td>1.5:1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating Voltage (AC)</td>
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<td></td>
<td>1,000</td>
<td>Vrms</td>
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</table>

**Performance by Frequency**

<table>
<thead>
<tr>
<th>Description</th>
<th>F1</th>
<th>F2</th>
<th>F3</th>
<th>F4</th>
<th>F5</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>Frequency Range</td>
<td>DC to 8</td>
<td>8 to 11</td>
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<td></td>
<td></td>
<td>GHz</td>
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<tr>
<td>VSWR, Max</td>
<td>1.35:1</td>
<td>1.5:1</td>
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</table>

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: N Male Connector Solder Attachment for PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN, RG402
Mechanical Specifications

Size
Length  0.965 in [24.51 mm]
Width/Dia.  0.787 in [19.99 mm]
Weight  0.076 lbs [34.47 g]

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</td>
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<tr>
<td></td>
<td></td>
<td>30 µin minimum</td>
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<tr>
<td>Insulation</td>
<td>PTFE</td>
<td></td>
</tr>
<tr>
<td>Body</td>
<td>Brass</td>
<td>Gold</td>
</tr>
<tr>
<td>Coupling Nut</td>
<td>Brass</td>
<td>Nickel</td>
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<tr>
<td></td>
<td></td>
<td>100 µin minimum</td>
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</tbody>
</table>

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: N Male Connector Solder Attachment for PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN, RG402


RF Connectors Technical Data Sheet

N Male Connector Solder Attachment for PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN, RG402 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: N Male Connector Solder Attachment for PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN, RG402 PE4140


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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