RF Connectors Technical Data Sheet

PE4325

SMA Female Connector Crimp/Solder Attachment for RG178, RG196

Description
Pasternack’s PE4325 SMA female connector with crimp/solder attachment for RG178 and RG196 is part of our full line of RF components available for same-day shipping.

Our SMA female connector PE4325 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

<table>
<thead>
<tr>
<th>Size</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>1.095 in [27.81 mm]</td>
</tr>
<tr>
<td>Width/Dia.</td>
<td>0.312 in [7.92 mm]</td>
</tr>
<tr>
<td>Weight</td>
<td>0.014 lbs [6.35 g]</td>
</tr>
</tbody>
</table>

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 MIL-G-45204</td>
</tr>
<tr>
<td>Insulation</td>
<td>PTFE</td>
<td></td>
</tr>
<tr>
<td>Body</td>
<td>Brass</td>
<td>Nickel QQ-N-290</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 Connector Crimp/Solder Attachment for RG178, RG196 PE4325
SMA Female Connector Crimp/Solder Attachment for RG178, RG196

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Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

SMA Female Connector Crimp/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% 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 Connector Crimp/Solder Attachment for RG178, RG196 PE4325


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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STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. SLIDE FERRULE (1) OVER CABLE. STRIP CABLE AS SHOWN. TIN CENTER CONDUCTOR.

2. FLAIR BRAID & INSERT EXTENSION (2), UNDER BRAID. WITH CENTER CONDUCTOR PROTRUDING THROUGH HOLE IN EXTENSION.

3. SOLDER CONTACT (3) TO CENTER CONDUCTOR. SLIDE FERRULE (1) OVER BRAID & CRIMP. INSTALL CABLE ASSEMBLY INTO BODY & TIGHTEN.

CRIMP SIZE REQUIRED

CONTACT: SOLDER
FERRULE: .100" HEX CRIMP TOOL