# PCB to SMA Female Rotary Joint

## Electrical Specifications
- **Frequency Range**: DC to 6 GHz
- **Max VSWR**: 1.15:1
- **Max Insertion Loss**: 0.3 dB

## Mechanical Specifications

<table>
<thead>
<tr>
<th>Size</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Length</td>
<td>0.866 in [22 mm]</td>
</tr>
<tr>
<td>Width</td>
<td>0.354 in [8.99 mm]</td>
</tr>
<tr>
<td>Weight</td>
<td>0.00441 lbs [2 g]</td>
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</tbody>
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**Connector 1**
- **Type**: PCB
- **Inner Conductor Material and Plating**: Beryllium Copper, Gold
- **Body Material and Plating**: Brass, Gold
- **Dielectric Type**: PTFE

**Connector 2**
- **Type**: SMA Female
- **Inner Conductor Material and Plating**: Beryllium Copper, Gold
- **Body Material and Plating**: Brass, Gold
- **Dielectric Type**: PTFE

## Environmental Specifications

**Compliance Certifications** *(visit www.FairviewMicrowave.com for current document)*
- RoHS Compliant: Yes

**Plotted and Other Data**
- Notes: Values at 25 °C, sea level

PCB to SMA Female Rotary Joint from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [PCB to SMA Female Rotary Joint SR1805](http://www.fairviewmicrowave.com/pcb-to-sma-female-rotary-joint-sr1805-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. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.
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].

FAIRVIEW MICROWAVE INC.
ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM

<table>
<thead>
<tr>
<th>DWG NO</th>
<th>SR1805</th>
<th>CAGE CODE</th>
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<td>3FKR5</td>
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1130 Junction Dr. #100 Allen, TX 75013 | Tel: 1-800-715-4396 / (972) 649-6678 / Fax: (972) 649-6689

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