**Plug-In Frequency Mixer**

**SRA-11+**

**Level 7 (LO Power +7 dBm) 5 to 2000 MHz**

**Maximum Ratings**
- Operating Temperature: -55°C to 100°C
- Storage Temperature: -55°C to 100°C
- RF Power: 50mW
- IF Current: 40mA

Permanent damage may occur if any of these limits are exceeded.

**Features**
- excellent conversion loss, 6.72 dB typ.
- good L-R isolation, 35 dB typ. L-I isolation, 30 dB typ.
- broadband, 5 to 2000 MHz
- rugged welded construction
- hermetic

**Applications**
- GPS
- defense & aeronautical systems
- cellular

**Electrical Specifications**

<table>
<thead>
<tr>
<th>FREQUENCY (MHz)</th>
<th>CONVERSION LOSS (dB)</th>
<th>LO-RF ISOLATION (dB)</th>
<th>LO-IF ISOLATION (dB)</th>
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<tbody>
<tr>
<td>LO/RF</td>
<td>IF</td>
<td></td>
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</tr>
<tr>
<td>LO</td>
<td>8</td>
<td>5-2000</td>
<td>10-600</td>
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**Electronic Schematic**

For detailed performance specs & shopping online see web site minicircuits.com

**Permanent damage may occur if any of these limits are exceeded.**
Performance Charts

SRA-11+

Notes: 1. Performance and quality attributes and conditions not expressly stated in this specification sheet are intended to be excluded and do not form a part of this specification sheet.
2. Electrical specifications and performance data contained herein are based on Mini-Circuit's applicable established test performance criteria and measurement instructions.
3. The parts covered by this specification sheet are subject to Mini-Circuits standard limited warranty and terms and conditions (collectively, "Standard Terms"). Purchasers of this part are entitled to the rights and benefits contained therein. For a full statement of the Standard Terms and the exclusive rights and remedies thereunder, please visit Mini-Circuits’ website at www.minicircuits.com/MCLStore/terms.jsp.

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