**Features**
- Available in E6 values
- Inductance values to 1000 µH
- RoHS compliant*

**Applications**
- Input/output of DC/DC converters
- Power supplies for:
  - Portable communication equipment
  - Camcorders
  - LCD TVs

**SRR7032 Series - Shielded SMD Power Inductors**

### Electrical Specifications

<table>
<thead>
<tr>
<th>Bourns Part No.</th>
<th>Inductance 1 KHz</th>
<th>Q Typ.</th>
<th>Test Frequency (MHz)</th>
<th>SRF Typ. (MHz)</th>
<th>RDC</th>
<th>I sat</th>
<th>I sat Typ.</th>
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<tbody>
<tr>
<td>SRR7032-2R2M</td>
<td>2.2 ±20</td>
<td>12</td>
<td>7.96</td>
<td>70</td>
<td>0.022</td>
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<td>SRR7032-100M</td>
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</table>

### General Specifications

- **Test Voltage**: 0.5 V (Reflow Soldering, 230 °C, 50 sec. max.)
- **Operating Temperature**: -40 °C to +125 °C (Temperature rise included)
- **Storage Temperature**: -40 °C to +125 °C
- **Moisture Sensitivity Level**: 1
- **ESD Classification (HBM)**: N/A

### Materials

- **Core**: Ferrite DR & RI
- **Wire**: Enamelled copper wire 130
- **Terminal**: Cu/Ni/Sn
- **Rated Current**: Ind. drop of 10 % typ. at Isat
- **Temperature Rise**: 30 °C max. at rated Irms

### Product Dimensions

![Product Dimensions Diagram](image)

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**WARNING** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011. Specifications are subject to change without notice. Users should verify actual device performance in their specific applications. The products described herein and this document are subject to specific legal disclaimers as set forth on the last page of this document, and at [www.bourns.com/docs/legal/disclaimer.pdf](http://www.bourns.com/docs/legal/disclaimer.pdf)*
SRR7032 Series - Shielded SMD Power Inductors

Packaging Specifications

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