Features
- Multiple applications: parallel, series, dual-inductor and transformer
- Magnetically shielded, low radiation
- Inductance range: 0.47 to 4000 μH
- Rated current up to 17.6 A
- RoHS compliant

Applications
- SEPIC topology
- Power supplies for:
  - Communication equipment
  - Notebooks, desktop computers, servers
  - LCDs, flat panels, backlights
  - Camcorders, HDTVs

SRF1260 Series - Dual-Winding Shielded Power Inductors

<table>
<thead>
<tr>
<th>Bourns Part No.</th>
<th>Parallel Rating</th>
<th>Series Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Inductance @ 100 KHz (μH)</td>
<td>Tol. (%)</td>
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<tr>
<td>SRF1260-R47Y</td>
<td>0.47 ±30</td>
<td>0.0053</td>
</tr>
<tr>
<td>SRF1260-1R0Y</td>
<td>1.0 ±30</td>
<td>0.0062</td>
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<tr>
<td>SRF1260-1R5Y</td>
<td>1.5 ±30</td>
<td>0.0073</td>
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<td>2.2 ±30</td>
<td>0.0085</td>
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<td>3.3 ±30</td>
<td>0.0101</td>
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<td>4.7 ±30</td>
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<td>0.0194</td>
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<tr>
<td>SRF1260-100M</td>
<td>10 ±20</td>
<td>0.0226</td>
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<tr>
<td>SRF1260-150M</td>
<td>15 ±20</td>
<td>0.0329</td>
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<tr>
<td>SRF1260-220M</td>
<td>22 ±20</td>
<td>0.0451</td>
</tr>
<tr>
<td>SRF1260-330M</td>
<td>33 ±20</td>
<td>0.0618</td>
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<tr>
<td>SRF1260-470M</td>
<td>47 ±20</td>
<td>0.086</td>
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<tr>
<td>SRF1260-680M</td>
<td>68 ±20</td>
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<tr>
<td>SRF1260-820M</td>
<td>82 ±20</td>
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<tr>
<td>SRF1260-101M</td>
<td>100 ±20</td>
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<tr>
<td>SRF1260-151M</td>
<td>150 ±20</td>
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<td>SRF1260-221M</td>
<td>220 ±20</td>
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<td>SRF1260-331M</td>
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<td>0.574</td>
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<td>SRF1260-471M</td>
<td>470 ±20</td>
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<td>SRF1260-681M</td>
<td>680 ±20</td>
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<tr>
<td>SRF1260-821M</td>
<td>820 ±20</td>
<td>1.46</td>
</tr>
<tr>
<td>SRF1260-102M</td>
<td>1000 ±20</td>
<td>1.854</td>
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</tbody>
</table>

Electrical Schematic

Recommended Layout

Materials
- Core: Ferrite
- Wire: Enameled copper
- Base: LCP
- Adhesive: Epoxy resin
- Terminal: Sn

How to Order

<table>
<thead>
<tr>
<th>SRF1260 - 100M</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model Value Code (see table)</td>
</tr>
</tbody>
</table>

Product Dimensions

**WARNING** Cancer and Reproductive Harm
www.P65Warnings.ca.gov

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**WARNING** Cancer and Reproductive Harm
SRF1260 Series - Dual-Winding Shielded Power Inductors

**Packaging Specifications**

**Dimensions:**
- **End:** 16.0 (630)
- **Start:** 4.0 (157)
- **No Component:** 200 (7.87)
- **Components:**
- **No Component:** 400 (15.75)

**User Direction of Feed:**
- **QTY:** 400 PCS. PER REEL

**Dimensions:**
- **DIA. 330 (12.99)**
- **2.0 ± 0.5 (79 ± 0.20)**
- **30.4 (1.197)**
- **13.0 ± 0.5 (512 ± 0.20) DIA.
- **13.0 ± 0.5 (512 ± 0.20) DIA.
- **25 ± 0 (1.02 ± 0)**
- **13.0 ± 0.5 (512 ± 0.20) DIA.
- **25.0 - 0 (1.97 - 0)**
- **50.0 - 0 (1.97 - 0)**

**Thickness:**
- **0.10 (0.04)**

**EMBOSSED:**
- **Carrier**
- **Cavity**

**SRF0504 Series - Line Filter**

**QTY:** 400 PCS. PER REEL

**REV. 03/18**

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