

# Featured Products Bulletin

## INDUCTIVE COMPONENTS



## Bourns Releases New Dual-Winding Shielded Power Inductor Models SRF0703, SRF1260 and SRF1280

Riverside, California - November 12, 2010 - Bourns® Inductive Components Product Line introduces new Models [SRF0703](#), [SRF1260](#) and [SRF1280](#) dual-winding shielded power inductors.

These power inductor models are designed with dual-winding in a magnetic shielded package. The unique dual-winding feature allows these inductors to be well-suited for varieties of power applications. Two inductors built into one package are especially attractive for use in SEPIC (Single-Ended Primary Inductance Converters). A single package occupies less board space and is less costly than a combination of two individual inductors. Through external wiring, a dual-winding inductor can be configured in parallel or in series to achieve many different selections of rated currents and inductances. These inductors have a high-coupling coefficient which is also suitable for 1:1 power transformer and common mode choke noise filtering applications. The magnetic shield of the inductor keeps radiation to a minimal level for applications where a low noise environment is essential. In addition, Bourns® Model SRF0703, SRF1260 and SRF1280 inductors' low DC resistance and high current carrying capability make them ideal for use in various topologies of DC/DC converters, mobile electronic devices, computers, data storage and consumer electronics.

Model	Footprint (mm)	Height (mm)	Inductance Range (µH)	Heat Rating Current (A)	Saturation Current (A)
SRF0703	7.6x7.6	3.4	0.33 - 4000	up to 6.19	up to 14.4
SRF1260	12.5 x 12.5	6	0.47 - 4000	up to 17.6	up to 33
SRF1280	12.5 x 12.5	8	0.47 - 4000	up to 17.9	up to 56

Minimum order quantities are 1500 pcs./reel for Bourns® Model SRF0703 and 800 pcs./reel for Bourns® Model SRF1260 and SRF1280 through Bourns authorized distributors. Samples are available upon request.

Please visit the Bourns website at [www.bourns.com](http://www.bourns.com) for additional product details.

### Features

- Multiple applications: parallel, series, dual-inductor and transformer
- Magnetically shielded, low radiation
- RoHS compliant\*

### Applications

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