



# Featured Products Bulletin

## INDUCTIVE COMPONENTS



### **Bourns Releases New Power Inductors - Models SDE6603 and SRE6603 -**

Riverside, California - May 6, 2010 - Bourns® Inductive Components Product Line introduces new models [SDE6603](#) and [SRE6603](#). These two power inductor models are compact, with low DC resistance and high current carrying capability making them ideal to use in DC/DC converters for mobile electronic devices with prolonged battery life.

SDE6603 offers an inductance range of 1 – 1,000  $\mu\text{H}$  with Irms current up to 2.9 A.

SRE6603 has an inductance range of 1 – 10,000  $\mu\text{H}$  with Irms current up to 3 A. This model is magnetically shielded and has lower DCR which makes it attractive for applications where low noise environment and longer battery life are essential.

These models are suitable for high volume commercial applications. The minimum order quantity is 6000 pcs., and multiples are 2000 pcs. Samples are available upon request.

#### **Features**

- Unit height of 2.9 mm
- Inductance range:
  - 1 to 1,000  $\mu\text{H}$  (SDE6603)
  - 1 to 10,000  $\mu\text{H}$  (SRE6603)
- Rated current:
  - up to 2.9 A (SDE6603)
  - up to 3 A (SRE6603)
- RoHS compliant\*

#### **Applications**

- DC/DC converters
- Power supplies for:
  - Portable communication equipment
  - Laptop computers
  - Camcorders, HDTV, car audio systems