

Würth Electronics Midcom Inc.
121 Airport Drive · P.O. Box 1330 · Watertown SD 57201-6330, USA
T: +1 (605) 886 4385 · Toll Free: +1 (800) 643 2661
www.we-online.com



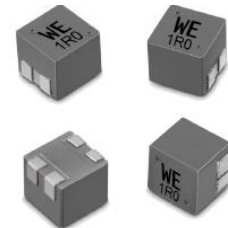
Würth Electronics – Product Spotlight

WE-MCRI: SMD Molded Coupled Inductor

Würth Electronics new WE-MCRI series is a molded magnetically shielded SMD coupled inductor with two identical round wire windings (1:1 turns ratio). The WE-MCRI series is the first of its kind on the market with molding technology. This series features a molded core which provides a compact and attractive design (10 x 11.5 x 9 mm) with excellent electrical and improved EMI performance.

Characteristics:

- Composite core material allows high saturation current and compact design
- Better Leakage inductance (Lk) and Rated current (Ir) than comparable components
- Magnetically shielded
- 1:1 Transformer
- Operation temperature: -40°C to +125°C



Applications:

- Isolated converter application (e.g. Flyback converter)
- Buck, Boost, Sepic, Zeta, CUK converter
- Switching regulator with second, unregulated output voltage