

NEW! ELL-5PR Series

Magnetic Shielded Surface Mount Chip Choke Coils

Low Inductance Range In a Small 5 x 5 x 1.85mm Square Form Factor

Panasonic, a worldwide leader in Inductor Products, introduces the **NEW ELL-5PR Series** Surface Mount Chip Choke Coils. The **NEW ELL-5PR Series** covers the lower inductance range of 0.47 to 10 μ H and offers lower DC Resistance than other comparable Inductor products. The **ELL-5PR Series** offers roughly two times the current handling capability at comparable inductance values and come in a smaller, lower profile form when compared with similar high current rating products. The **ELL-5PR Series'** magnetic shielding helps prevent interference noise and unwanted coupling with surrounding circuitry. Use **ELL-5PR** Surface Mount Chip Choke Coils in output smoothing and for maintaining voltage during output FET off cycle. Low DC Resistance and large current handling capability make **ELL-5PR** parts ideal for DC/DC applications, in a small, space-saving 5 x 5 x 1.85 mm form factor. Square core shape improves magnetic efficiency in a small package. Superior saturation characteristics and low DCR contribute to DC/DC converter efficiency.

Features:

- Small, Square Size: 5 x 5 x 1.85 mm
- Inductance Range: 0.47 μ H to 10 μ H
- DCR Range: 12 to 100 Ω
- Current Rating: 5A to 1.4A
- Magnetic Shielding
- Square Core Shape
- Lower DC Resistance and Large Current Capability
- RoHS Compliant

Benefits:

- Efficiently Handle Large Current in Minimal Space
- Magnetic Shielding Minimizes EMI and Coupling
- Square Core Shape Improves Magnetic Efficiency In a Small Package
- Superior Saturation Characteristics and Low DCR Contribute to Efficiency in DC/DC Conversion

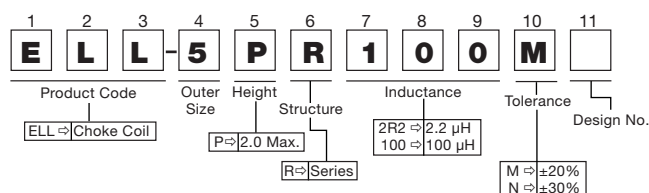
Industries:

- Communications
- Industrial
- Instrumentation
- Computer Peripherals

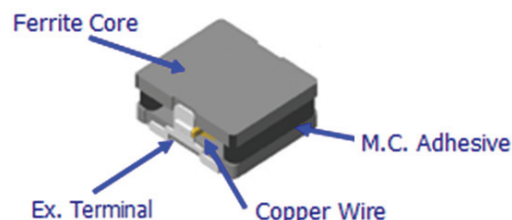
Applications:

- DC/DC Converter
- Chopper Circuit Decoupling Choke Coil in DC/DC Converter Circuitry

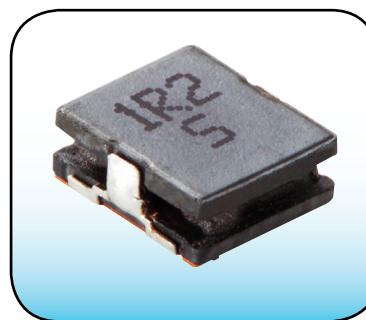
Part Number Information:



Product Construction:



Additional Information:



For detailed specification information on the New ELL-5PR Series Chip Choke Coils, please visit panasonic.com/industrial/components/pdf/ELL-5PR_DataSheet.pdf today!

Website: panasonic.com/industrial/electronic-components/inductive-products/index.aspx