

SMD High Current Inductors



With their powerful magnetic shield, the low profile DR363 and DR364 series surface mount inductors from Datatronic Distribution, Inc., provide reliable protection against challenging EMI problems in high current applications. The DR363 and DR364 feature a seated profile measuring 0.118 inches (3.0 mm) above the circuit board. They are appropriate for high-density circuit board designs. The DR363 and DR364 series inductors provide EMI circuit protection for DC/DC converters and DSC, DVC and PDAs. Their small size makes them especially useful in hand-held, portable or smaller equipment. Depending on specific model, the devices feature an inductance range from 2.0 to 150 μ H, with an operating frequency range from 10 kHz to 1 MHz, DCR from 19.2 to 738 Ω maximum and a maximum current rating from 0.31 to 5.41 A. They operate over a wide temperature range from -50°C to $+85^{\circ}\text{C}$ and all materials meet UL 94V-0 requirements.

Datatronic Distribution, Inc.

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