Vishay's New RCC1206 e3 Medium Power Thick Film Chip Resistor Enables Cost Reductions

With our new RCC1206 e3 medium power thick film chip resistor, Vishay Draloric / Beyschlag Resistors extends our RCC series, which was designed to replace standard resistors in larger case sizes. Specifically, with its 500 mW rated dissipation and 200 V maximum operating voltage, the RCC1206 e3 is capable of replacing standard 1210 resistors, while maintaining the same ≤ 1 % long term stability. In addition, a PCB layout change isn't necessarily required for existing designs, as the distance between the terminals remains the same and the RCC1206 e3 is smaller in width. And, for designers already accustomed to the 1206 case size, but needing to exceed its standard 250 mW dissipation, the RCC1206 e3 now offers twice this rating. The end result is a 40 % savings in board space and a significant cost reduction.

Key Advantages

- Rated dissipation doubled to 500 mW
- 40 % less board space required
- Lowers costs
- AEC-Q200 qualified

Useful Links

- RCC e3 data sheet http://www.vishay.com/doc?20066
- RCC e3 product page http://www.vishay.com/ppg?20066
- Buy Now https://www.vishay.com/search?type=inv&query=rcc1206

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