EN 60950 Approved DC/DC Converters

MDT Staff

Available immediately from MicroPower Direct, the G200EI series is a family of compact 2W, EN 60950 approved DC/DC converters. These converters are specifically designed for board level power applications that require small size, robust operation, high input/output isolation levels and low cost.

Twenty one standard models operate from inputs of 5, 12 or 24 VDC, providing single and dual outputs of 5, 9, 12, 15, ±5, ±12, or ±15 VDC. Standard features include an input/output isolation of 3,000 VDC, efficiency as high as 85%, and low noise operation. The MTBF (per MIL HDBK 217F) of the G200EI series is greater than 3.5 Mhours. All models are approved to EN 60950 and are RoHS compliant.

The G200EI family is packaged in a miniature, Mini-DIP case that is only 0.787 x 0.394 x 0.4 in.
The pin-out is industry standard and all case materials meet UL94-VO. Each model is specified
for operation over the wide operating industrial temperature range of -40°C to +85°C with no derating or heat sinking required.

The G200EI series is an ideal solution for a variety of board level power applications requiring small size, robust performance, and high reliability. As part of our "Cost Cutter" product line, they are offered at very low cost.

For more information, visit www.micropowerdirect.com [1].

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[1] http://www.micropowerdirect.com