Miniature, 3W SIP EN 60950 Approved AC/DC Power Supplies

Available now from **MicroPower Direct**, the **MPL-03SE** series is a family of miniature, safety approved, 3W AC/DC power supplies. Designed specifically for space critical board level applications, these power modules are packaged in a space saving single-in-line (SIP) package. As part of our "Cost Cutter" product series, they are offered at very low cost.

Five standard models operate from a universal input of 85 to 264 VAC; providing regulated single outputs of 5, 9, 12, 15, or 24 VDC. They may also be used in high voltage DC/DC applications with an input of 100 to 400 VDC. Standard features include tight line/load regulation, continuous short circuit protection, input/output isolation of 3,000 VAC and over temperature protection.

The **MPL-03SE** has a Class II input. This means it can be used without an earth ground connection, an advantage for remote or portable equipment that is often used in applications where a reliable ground may not be available.. The MTBF (per MIL HDBK 217F) of the **MPL-03SE** series is greater than 300 khours. The series is RoHS compliant.

The **MPL-03SE** series is packaged in an ultra-miniature SIP package. Each model is specified for operation over the wide industrial operating temperature range of -40°C to +85°C (ambient). The pin-out is industry standard.

The **MPL-03SE** series is an ideal solution for a wide variety of applications requiring high performance, miniature size, safety approvals and low cost.

MicroPower Direct products are designed to provide long, reliable field life. Considerable attention is given to the proper selection, derating, and layout of all circuit components. In addition, extensive reliability screening is also performed on

all products as a routine part of our production process.

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