

9 WATTS REGULATED DC/DC CONVERTERS

PWR51XX



DESCRIPTION

The PWR5104 and PWR5105 offer respectively $\pm 12\text{VDC}$ and $\pm 15\text{VDC}$ outputs of regulated 9W power driven from your +5V system bus. These units are designed for use in such diverse applications as process control, telecommunications, portable equipment, medical systems, airborne and shipboard electronic circuits, and automatic test equipment.

The PWR5104 and PWR5105 offer a low-cost alternative to other models currently on the market. In addition, these models utilize high frequency switching in order to maintain a low EMI and RFI environment. Both models incorporate input and output filtering along with six-sided shielding to keep unwanted noise from your circuit.

Surface-mounted devices and manufacturing processes are used in the PWR5104 and PWR5105 to give you a device that is environmentally rugged. These manufacturing and design technologies also give superior isolation voltage.

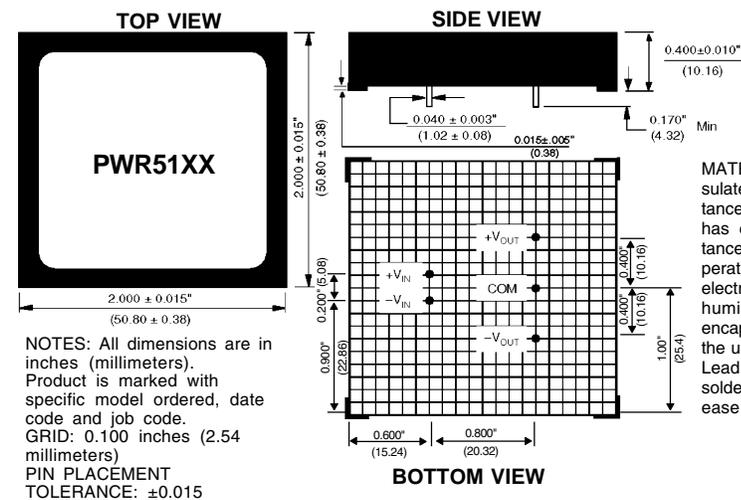
FEATURES

- LOW COST
- LOW NOISE
- LINEAR OUTPUT REGULATION
- WIDE OPERATING TEMPERATURE RANGE: -40°C TO $+100^{\circ}\text{C}$
- $\pm 12\text{VDC}$ AND $\pm 15\text{VDC}$ OUTPUTS
- INPUT AND OUTPUT FILTERING
- SIX-SIDED SHIELDING
- BARRIER LEAKAGE CURRENT 100% TESTED AT 240VAc

APPLICATIONS

- PROCESS CONTROL
- TELECOMMUNICATIONS
- PORTABLE EQUIPMENT
- MEDICAL SYSTEMS
- AIRBORNE AND SHIPBOARD ELECTRONIC CIRCUITS
- AUTOMATIC TEST EQUIPMENT

MECHANICAL



MATERIAL: Units are encapsulated in a low thermal resistance molding compound that has excellent chemical resistance, wide operating temperature range, and good electrical properties under high humidity environments. The encapsulant and outer shell of the unit have UL94V-0 ratings. Lead material is brass with a solder plated surface to allow ease of solderability.

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