



Electronic Design & Research
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Technology for people's ideas

P/N EDR82050

Input Specifications:

Input DC Voltage	18-36 VDC (24VDC nominal)
Current at full load	300 mA
Efficiency	to 83%

Output Specifications:

Output Voltage	+/- 15 VDC
Output Voltage Accuracy	+/- 1%
Output current	200 mA (each output)
Load Regulation	+/-0.5%, max
Short circuit protection	Continuous, Auto-Reset
Line voltage regulation	+/-0.5%, max
Temp. Coefficient, max.	0.02%/°C
Ripple at 300KHz BW.	10mV, p-p, max.
Noise at BW=DC-100MHz	100mV, p-p, max.
Switching Frequency	250 KHz, typical.

Isolation Specification

Output Impedance, max	.01Ohm
Isolation Resistance, min.	1 GOhm
Isolation Capacitance, max.	54 pF
Breakdown Voltage, min.	1000 VAC

Environmental Specifications:

Ambient operating temperature range -40°C to 85°C
 Ambient storage temperature range -50°C to 130°C

Technical Specifications:

Weight(oz)	5 oz.
Case Material	Phenolic
Encapsulation	ResTech 10207/053
Terminals	.040"
Dimensions	0.4"Hx2.0"Lx2.0"W

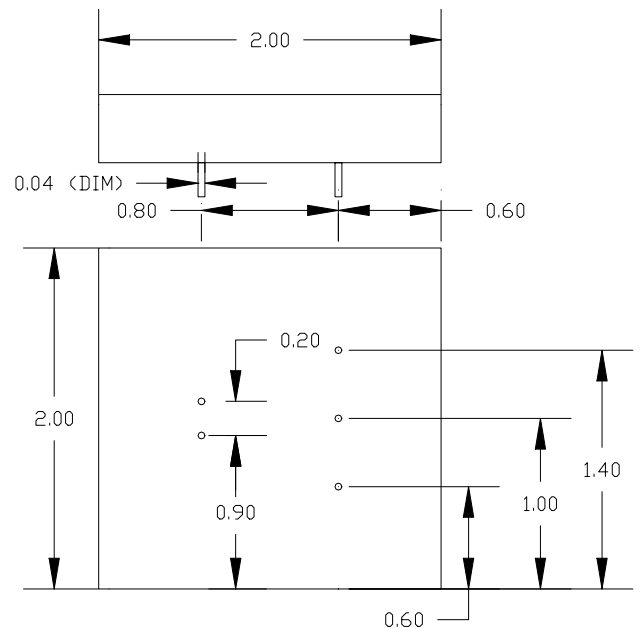
EDR-1515/200W28

DC/DC converter to replace 945 by AD

Originally developed by Analog Devices Inc and now EDR Inc, is taking its place

Features: Our line of more than 3000 type of compact DC/DC converters offers system designers a means of supplying a reliable, easy to use. Low cost solution to a variety of floating and digital power applications. Devices provide high accuracy, short circuit protection, regulated outputs with very low output noise and ripple characteristics. Most models are high efficient (typically over 72% at a full load),

Case/Pin configuration



Please ask us for a full line DC/DC converters. We represent PEAK Electronics through USA, Canada and Mexico.

EDR Inc. manufactures a variety of AC, DC, AC/DC, NO & NC and TOTEM output Solid State Relays (SSR) to be used in many applications. A SSR is a powerful switch designed to outperform any mechanical type relay. Designed specially for high power motor controls, inverters, switching power supplies, choppers and high energy pulse circuits in the aerospace, defence, transportation, industrial and medical industries

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