

PC-482LF 1KV ISOLATED 1 W REGULATED SINGLE OUTPUT DIP14

Other specifications please enquire.

Electrical Specifications

(Typical at + 25° C, nominal input voltage, rated output current unless otherwise specified)

Input Specifications

Voltage range +/- 5 %
Filter Capacitors

Isolation Specifications

Rated voltage 1000 VDC
Resistance 10⁹ Ohm
Capacitance 60 pF typ.

Output Specifications

Voltage accuracy +/- 2 %, max.
Ripple and noise (at 20 MHz BW) 50 mV p-p, max.
Short circuit protection Short term
Line voltage regulation +/- 0,5 % max.
Load voltage regulation +/- 1 % max.
Temperature coefficient +/- 0,02 % / °C

General Specifications

Efficiency 63 %
Switching frequency 125 KHz, typ.

Environmental Specifications

Operating temperature (ambient) - 40° C to + 85° C
Storage temperature - 55 °C to + 125 °C
Derating See graph
Humidity Up to 90 %, non condensing
Cooling Free air convection

Physical Characteristics

RoHS conform Soldering 260° C max 10 seconds
Weight 2,0 g
Case material Non conductive black plastic

Examples of Partnumbers/Modelcode

PART NO.	INPUT VOLTAGE (VDC)	INPUT CURRENT NO LOAD	INPUT CURRENT FULL LOAD	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (max. mA)	EFFICIENCY FULL LOAD (% TYP.)
PC-482LF	5	30	317	5	200	63