

PMA-xxxxT 1 KV DC ISOLATED 1 W UNREGULATED DUAL OUTPUT SMD

Available Inputs: 5 V, 12V
Available Outputs: +/- 5 V, 9V, 12V 15V
Other specifications, please enquire.

Input Specifications

Voltage range: +/- 10%
Filter: capacitor

General Specification

Efficiency: 72 % to 79 %
Switching frequency: 150 KHz., typ.

Output Specifications

Voltage accuracy: +/- 5% max.
Ripple and noise: 75 mV p-p max. (@ 20 MHz. BW)
Short circuit protection: 1 sec.
Line voltage regulation: +/- 1.2% / 1% of Vin
Load voltage regulation: +/- 8,5%max , load = 10 – 100%
Temperature coefficient: +/- 0.03% / C°

Isolation Specifications

Rated voltage: 1000 V DC
Resistance: 1000 MOhm
Capacitance: 30 pF (max)

Others

Case material : UL94-V0
MTBF > 1,000,000 h

Environmental Specifications

Operating temperature: -40° C to +85° C (ambient)
Storage temperature: -55° C to +125° C
Humidity/Cooling: Up to 95%, non condensing / free air convection

Bottom View

Dimensions: 10,18 (0.40) mm width, 11,20 (0.44) mm height, 1,85 (0,07) mm pin height, 2,54 (0.10) mm pin spacing, 0,8 (0.03) mm pin width.

Top View

Dimensions: 15,24 (0.60) mm width, 7,50 (0.30) mm height. Labels: PEAK, Modelcode, Datecode.

Side View

Dimensions: 6,75 (0.26) mm width, 6,70 (0.26) mm height, 2,0 (0.08) mm pin length, 0,25 dick/thick.

Pin #	Connection
Pin 1	GND
Pin 2	+ V In
Pin 3	NC
Pin 4	0 V out
Pin 5	- V out
Pin 6	NC
Pin 7	+ V out
Pin 8	NC
Pin 9	NC
Pin 10	NC

Case material: Non conductive black plastic
All dimensions are typical in millimeters (inches).
Tolerance x.xx = +/- 0.30 (+/- 0.01)
Specification may change without notice.
Pin length is typical.



