

PME-xxxxTLF 1 KV DC ISOLATED 1 W UNREGULATED SINGLE 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: 69 % to 75 %
Switching frequency: 100 KHz., typ.

Output Specifications

Voltage accuracy: 5% max.
Ripple and noise: 75 mV p-p typ. (@ 20 MHz. BW)
Short circuit protection: 1 sec.
Line voltage regulation: 1.2% / 1% of Vin
Load voltage regulation: 9% typ., 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
RoHS conform

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: 11.20 (0.44) mm height, 12.70 (0.50) mm width, 7.50 (0.29) mm depth. Pin spacing: 2.54 (0.10) mm, 1.20 (0.05) mm. Pin 1 offset: 0.5 (0.02) mm. Pin 5 offset: 1.75 (0.07) mm. Side view dimensions: 6.25 (0.25) mm top width, 6.00 (0.24) mm body width, 2.0 (0.08) mm bottom width, 0.25 mm thickness.

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	NC
Pin 8	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.



