

MZ SERIES

PZ5MGxxxxE 3 KV ISOLATED 0.75 W REGULATED SINGLE OUTPUT DIP14

Available Inputs:

5, 12 and 15 VDC

Available Outputs:

5, 9, 12 and 15 VDC

Other specifications please enquire.

Electrical Specifications

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

Input Specifications

Voltage range +/- 10 %

Filter Capacitors

Isolation Specifications

Rated voltage 3000 VDC

Resistance 1000 MOhm

Output Specifications

Voltage accuracy +/- 3 %, max.

Ripple and noise (at 20 MHz BW) 50 mV p-p, max.

Short circuit protection Momentary

Line voltage regulation +/- 0.5 %

Load voltage regulation +/- 1.2 %

Temperature coefficient +/- 0,02 % / °C

General Specifications

Efficiency 50 % min.

Switching frequency 120 KHz, typ.

Environmental Specifications

Operating temperature (ambient) - 20° C to + 71° C

Storage temperature - 25° C to + 125° C

Derating See graph

Humidity Up to 90 %, non condensing

Cooling Free air convection

Physical Characteristics

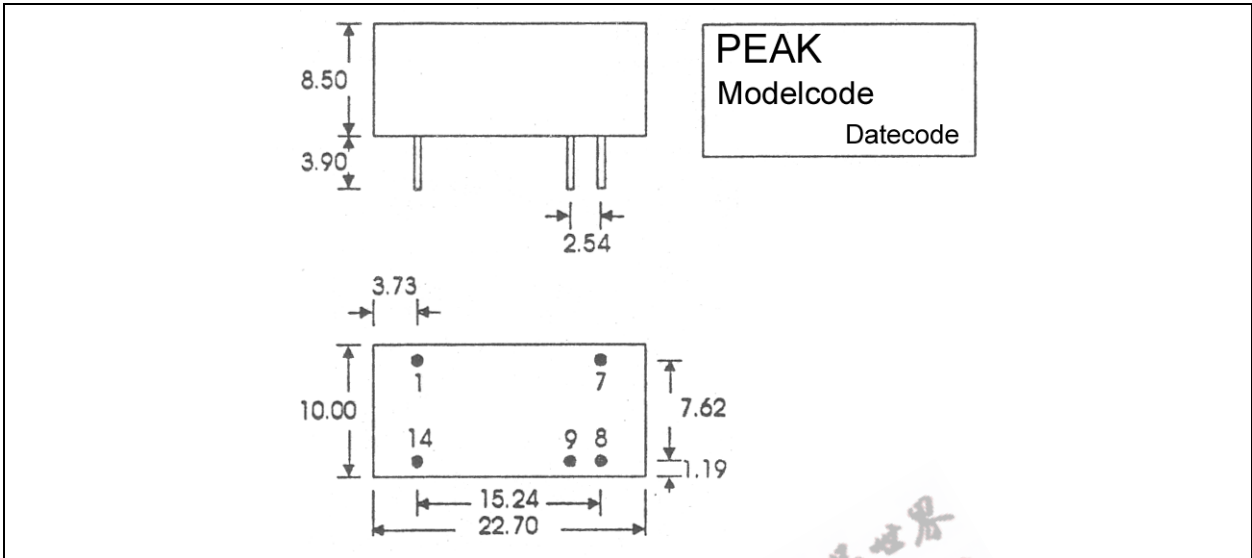
Dimensions 22.70 x 8.50 x 10 mm

Case material Non conductive black plastic

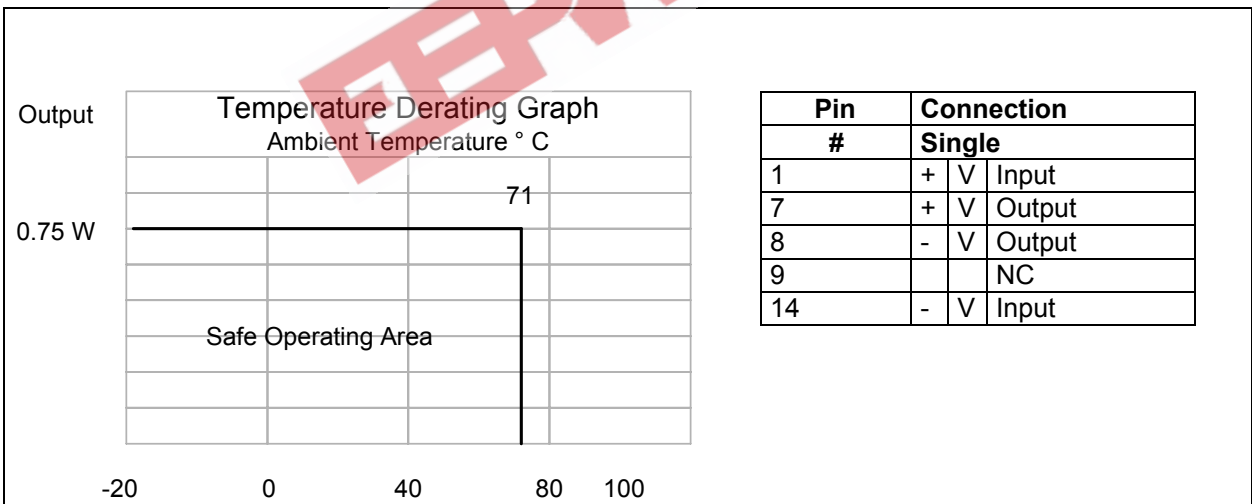
Examples of Partnumbers

PART NO.	INPUT VOLTAGE (VDC)	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (max. mA)
PZ5MG-0505E	5	5	150
PZ5MG-0512E	5	12	63
PZ5MG-0515E	5	15	50
PZ5MG-1205E	12	5	150
PZ5MG-1212E	12	12	63
PZ5MG-1215E	12	15	50
PZ5MG-1505E	15	5	150
PZ5MG-1512E	15	12	63
PZ5MG-1515E	15	15	50

Dimensions



Derating Graph and Pinning



Specification can be changed without notice.

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