

MZ SERIES

PZ8GGxxxxE 0.5 KV ISOLATED 1.5 W REGULATED SINGLE OUTPUT SIP12

Available Inputs:

5, 12 and 15 VDC

Available Outputs:

5, 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

500 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

+/- 0.5 %

Temperature coefficient

+/- 0,02 % / °C

General Specifications

Efficiency

55 % min.

Switching frequency

40 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

34.25 x 10.00 x 13.95 mm

1.35 x 0.40 x 0.55 inches

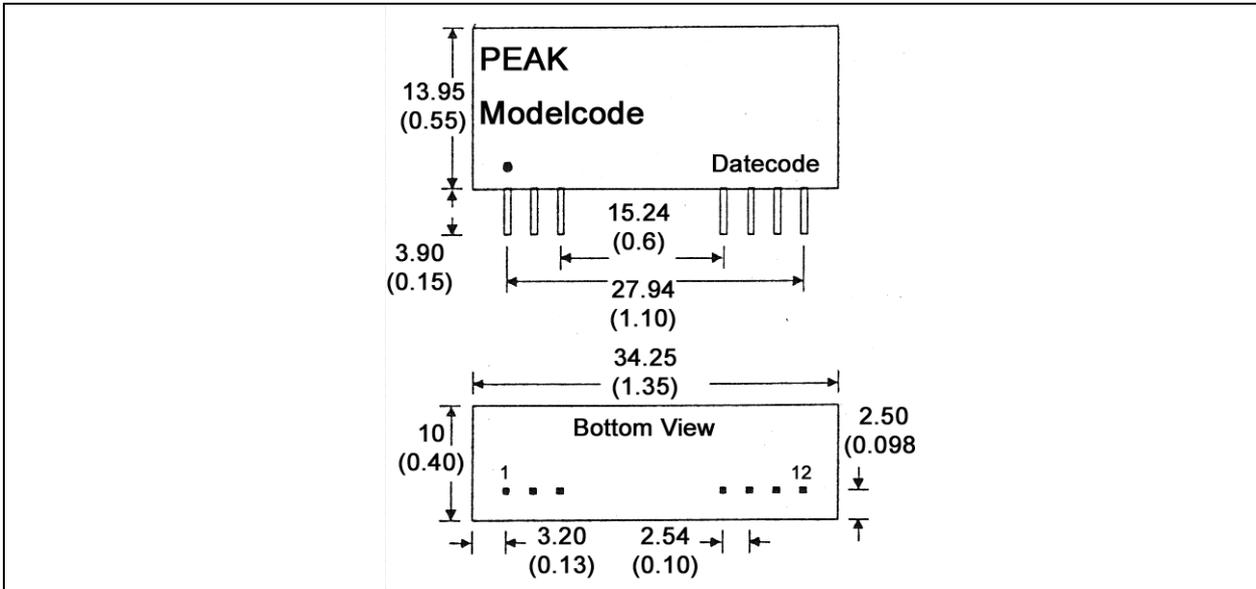
Case material

Non conductive black plastic

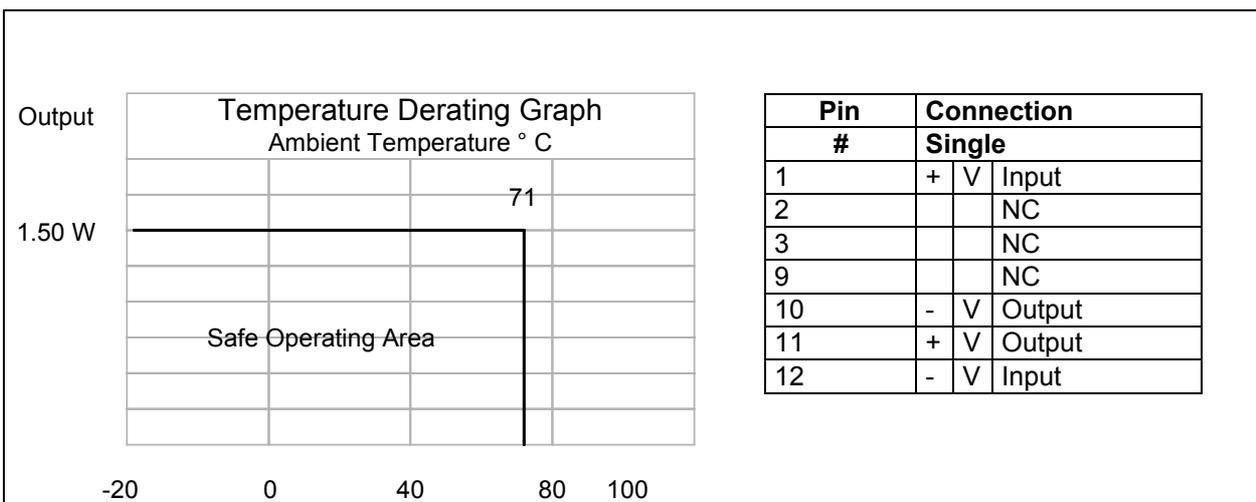
Examples of Partnumbers

PART NO.	INPUT VOLTAGE (VDC)	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (max. mA)
PZ8GG-0505E	5	5	300
PZ8GG-0512E	5	12	125
PZ8GG-0515E	5	15	100
PZ8GG-1205E	12	5	300
PZ8GG-1212E	12	12	125
PZ8GG-1215E	12	15	100
PZ8GG-1505E	15	5	300
PZ8GG-1512E	15	12	125
PZ8GG-1515E	15	15	100

Dimensions



Derating Graph and Pinning



Specification can be changed without notice.

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