

**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

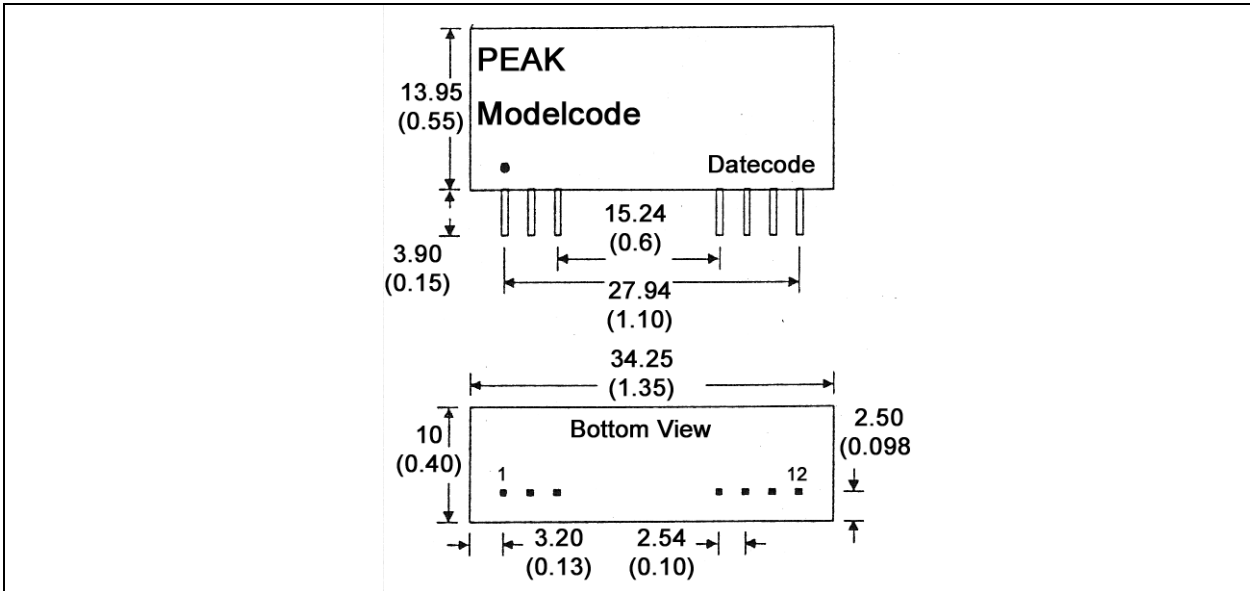
1.35 x 0.40 x 0.55 inches

Case material Non conductive black plastic

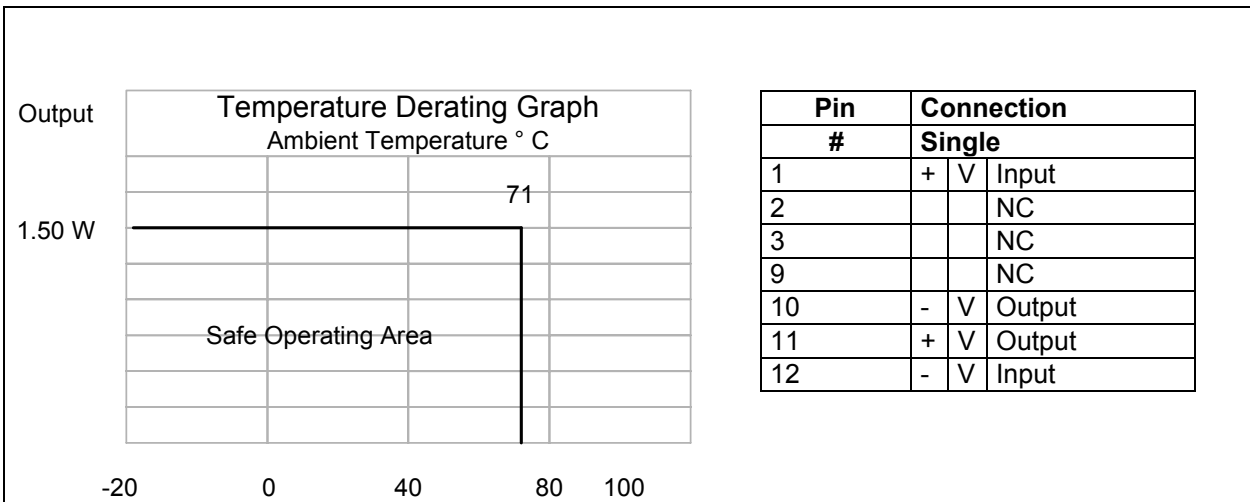
**Examples of Partnumbers**

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.

Copyright PEAK electronics GmbH