

MZ SERIES

PZ5LUxxxZ 3 KV ISOLATED 0.75 W UNREGULATED DUAL OUTPUT SIP7

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

3000 VDC

Resistance

1000 MOhm

Output Specifications

Voltage accuracy

+/- 5 %, max.

Ripple and noise (at 20 MHz BW)

100 mV p-p, max.

Short circuit protection

Momentary

Line voltage regulation

+/- 1.2 % 1% Vin

Load voltage regulation

+/- 8 % max. , Load 20 % – 100 %

Temperature coefficient

+/- 0,02 % / °C

General Specifications

Efficiency

70 % min.

Switching frequency

100 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

19.50 x 6.00 x 9.60 mm

0.76 x 0.24 x 0.37 inches

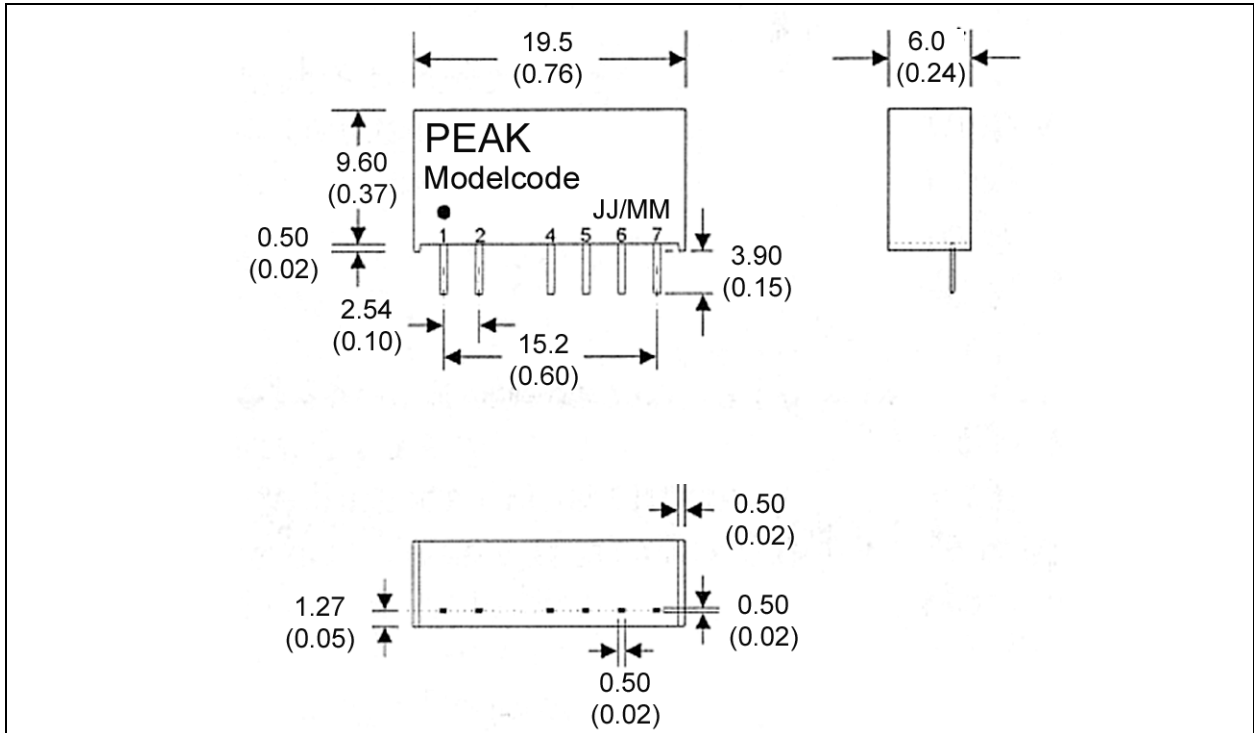
Case material

Non conductive black plastic

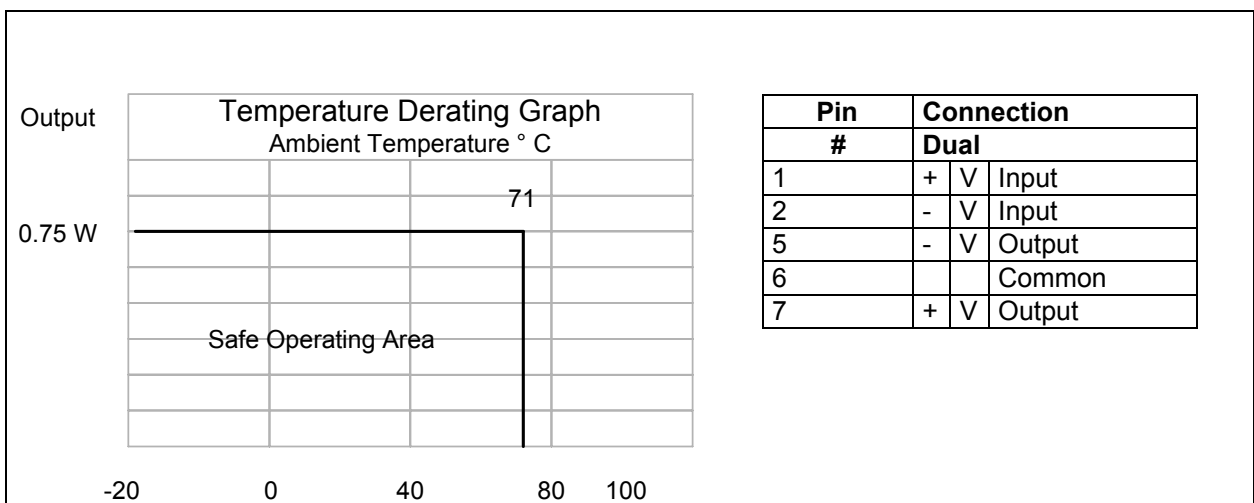
Examples of Partnumbers

PART NO.	INPUT VOLTAGE (VDC)	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (max. mA)
PZ5LU-0505Z	5	+/- 5	+/- 75
PZ5LU-0512Z	5	+/- 12	+/- 30
PZ5LU-0515Z	5	+/- 15	+/- 25
PZ5LU-1205Z	12	+/- 5	+/- 75
PZ5LU-1212Z	12	+/- 12	+/- 30
PZ5LU-1215Z	12	+/- 15	+/- 25
PZ5LU-1505Z	15	+/- 5	+/- 75
PZ5LU-1512Z	15	+/- 12	+/- 30
PZ5LU-1515Z	15	+/- 15	+/- 25

Dimensions



Derating Graph and Pinning



Specification can be changed without notice.

Copyright PEAK electronics GmbH