

MZ SERIES

PZ5LUxxxxE 3 KV ISOLATED 0.75 W UNREGULATED SINGLE OUTPUT SIP7

Available Inputs:

5, 12 and 15 VDC

Available Outputs:

3.3, 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

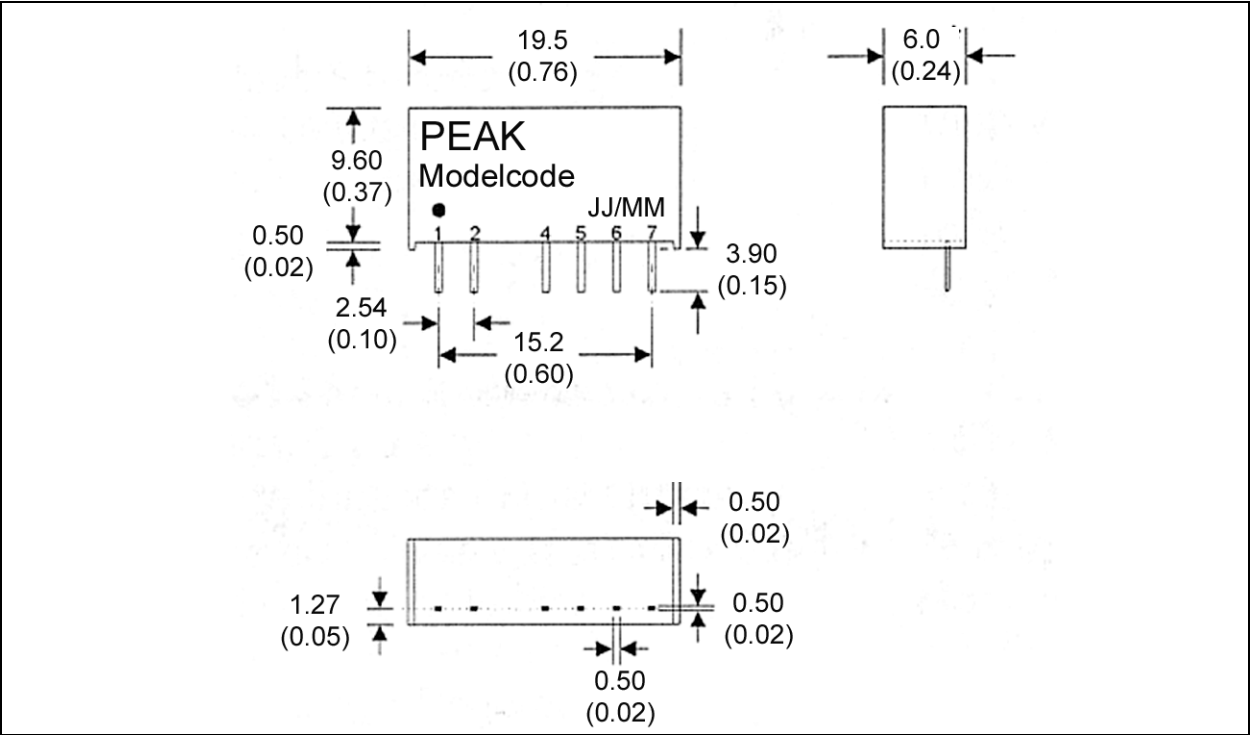
Case material

Non conductive black plastic

Examples of Partnumbers

PART NO.	INPUT VOLTAGE (VDC)	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (max. mA)
PZ5LU-053R3E	5	3.3	227
PZ5LU-0505E	5	5	150
PZ5LU-0512E	5	12	63
PZ5LU-0515E	5	15	50
PZ5LU-123R3E	12	3.3	227
PZ5LU-1205E	12	5	150
PZ5LU-1212E	12	12	63
PZ5LU-1215E	12	15	50
PZ5LU-153R3E	15	3.3	227
PZ5LU-1505E	15	5	150
PZ5LU-1512E	15	12	63
PZ5LU-1515E	15	15	50

Dimensions



Derating Graph and Pinning

