

**MZ SERIES**
**PZ5CUxxxxE 1 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 1000 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

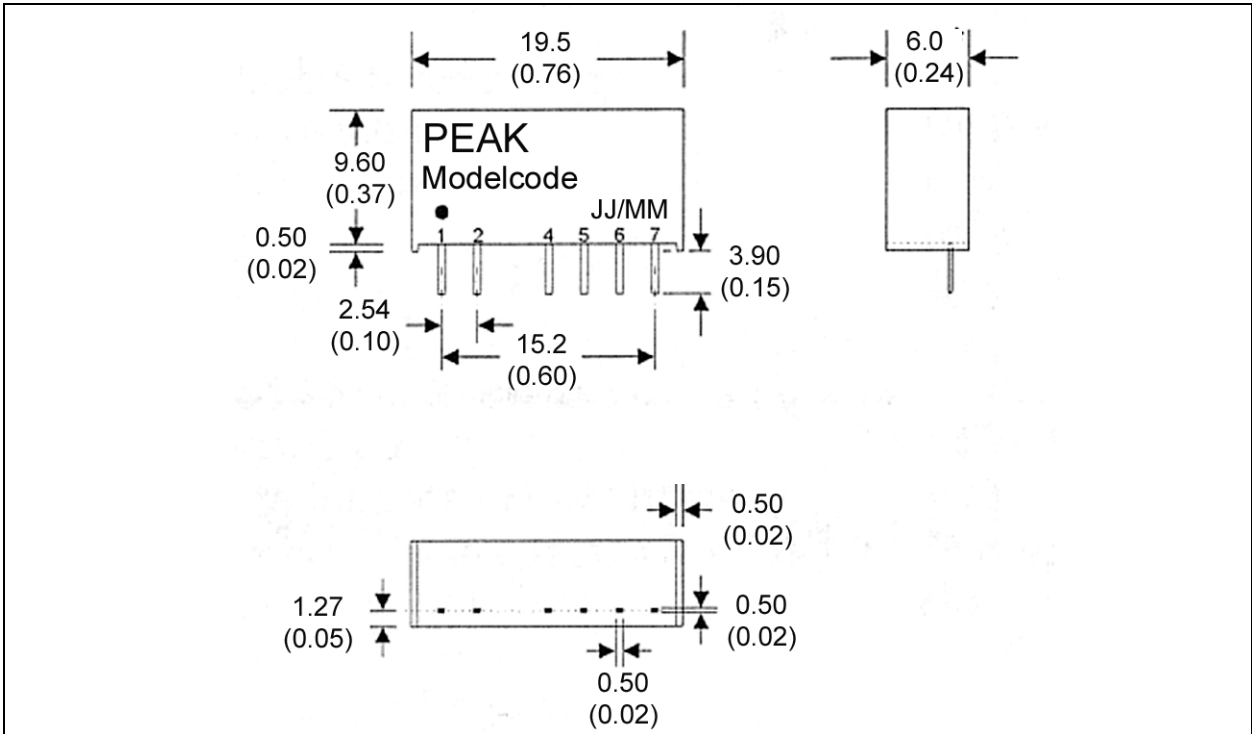
0.76 x 0.24 x 0.37 inches

Case material Non conductive black plastic

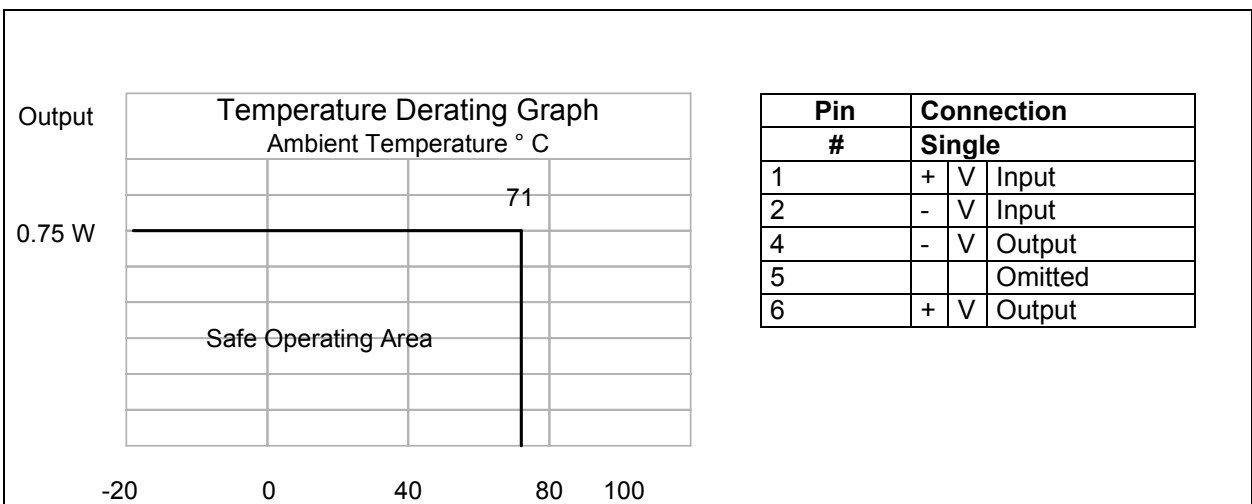
**Examples of Partnumbers**

PART NO.	INPUT VOLTAGE (VDC)	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (max. mA)
PZ5CU-053R3E	5	3.3	227
PZ5CU-0505E	5	5	150
PZ5CU-0512E	5	12	63
PZ5CU-0515E	5	15	50
PZ5CU-123R3E	12	3.3	227
PZ5CU-1205E	12	5	150
PZ5CU-1212E	12	12	63
PZ5CU-1215E	12	15	50
PZ5CU-153R3E	15	3.3	227
PZ5CU-1505E	15	5	150
PZ5CU-1512E	15	12	63
PZ5CU-1515E	15	15	50

**Dimensions**



**Derating Graph and Pinning**



Specification can be changed without notice.

Copyright PEAK electronics GmbH