

**MZ SERIES**

**PZ5CUxxxxZ 1 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 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

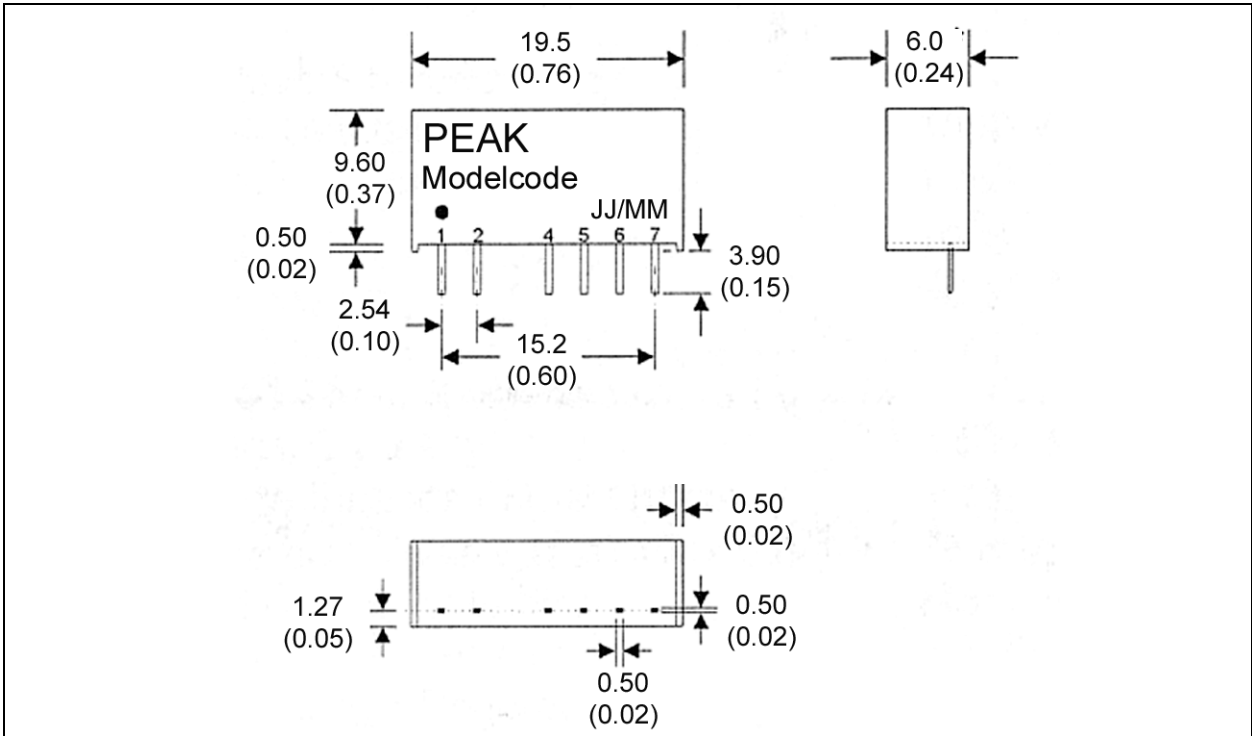
0.76 x 0.24 x 0.37 inches

Case material Non conductive black plastic

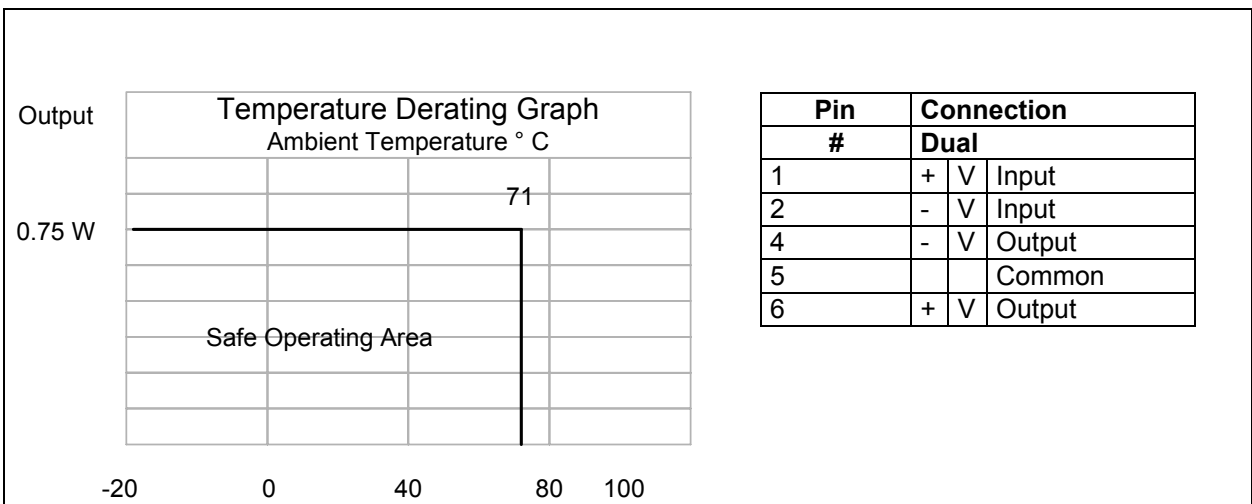
**Examples of Partnumbers**

PART NO.	INPUT VOLTAGE (VDC)	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (max. mA)
PZ5CU-0505Z	5	+/- 5	+/- 75
PZ5CU-0512Z	5	+/- 12	+/- 30
PZ5CU-0515Z	5	+/- 15	+/- 25
PZ5CU-1205Z	12	+/- 5	+/- 75
PZ5CU-1212Z	12	+/- 12	+/- 30
PZ5CU-1215Z	12	+/- 15	+/- 25
PZ5CU-1505Z	15	+/- 5	+/- 75
PZ5CU-1512Z	15	+/- 12	+/- 30
PZ5CU-1515Z	15	+/- 15	+/- 25

**Dimensions**



**Derating Graph and Pinning**



Specification can be changed without notice.

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