Telefon: +49 (0) 6135 931069
Telefax: +49 (0) 6135 931070
www.peak-electronics.de
info@peak-electronics.de

MZ SERIES PZ5CGxxxxE 0.5 KV ISOLATED 0.75 W REGULATED SINGLE OUTPUT SIP7

Available Inputs:
5, 12 and 15 VDC
Available Outputs:
5, 9, 12 and 15 VDC
Other specifications please enquire.

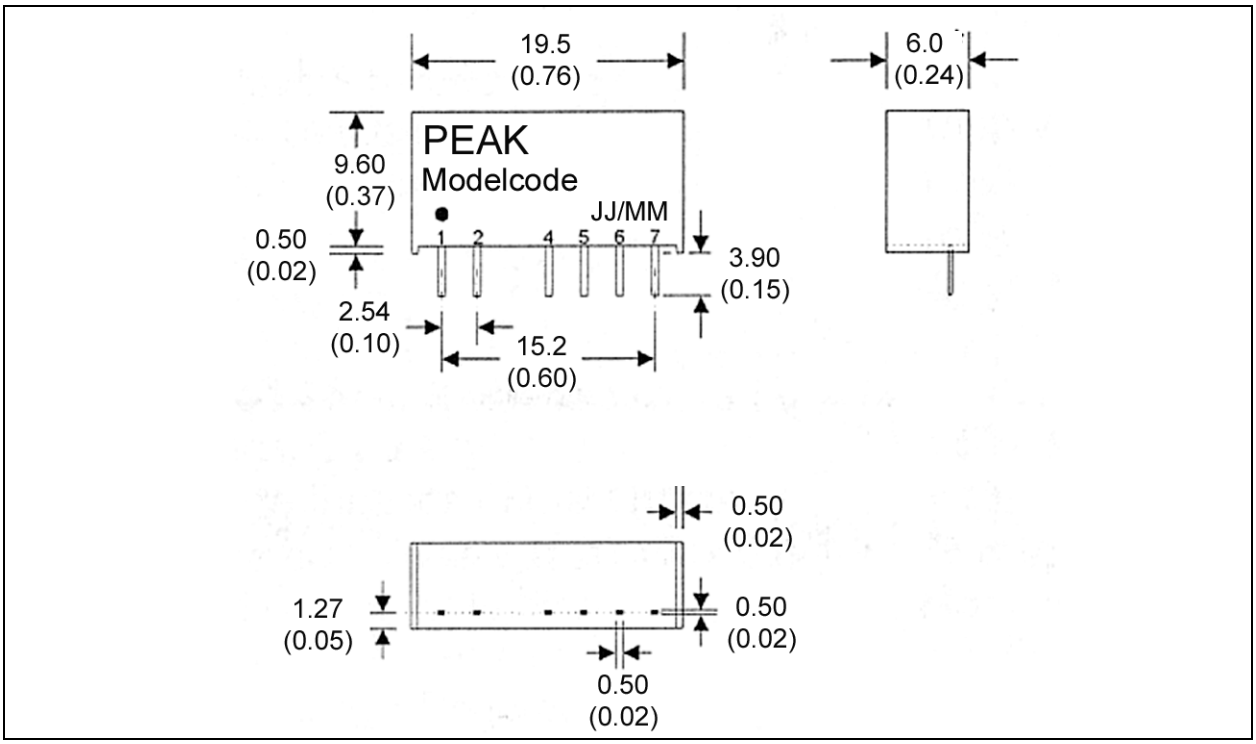
Electrical Specifications
(Typical at + 25° C, nominal input voltage, rated output current unless otherwise specified)

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)	100 mV p-p, max.
Short circuit protection	Momentary
Line voltage regulation	+/- 0.5 %
Load voltage regulation	+/- 1.2 %
Temperature coefficient	+/- 0,02 % / °C
General Specifications	
Efficiency	50 % min.
Switching frequency	120 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

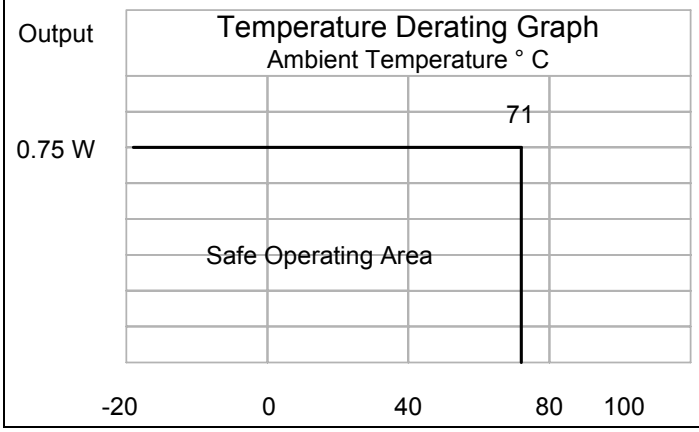
Examples of Partnumbers

PART NO.	INPUT VOLTAGE (VDC)	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (max. mA)
PZ5CG-0505E	5	5	150
PZ5CG-0512E	5	12	63
PZ5CG-0515E	5	15	50
PZ5CG-1205E	12	5	150
PZ5CG-1212E	12	12	63
PZ5CG-1215E	12	15	50
PZ5CG-1505E	15	5	150
PZ5CG-1512E	15	12	63
PZ5CG-1515E	15	15	50

Dimensions



Derating Graph and Pinning



Pin #	Connection Single		
1	+	V	Input
2	-	V	Input
4	-	V	Output
6	+	V	Output

Specification can be changed without notice. Copyright PEAK electronics GmbH