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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.

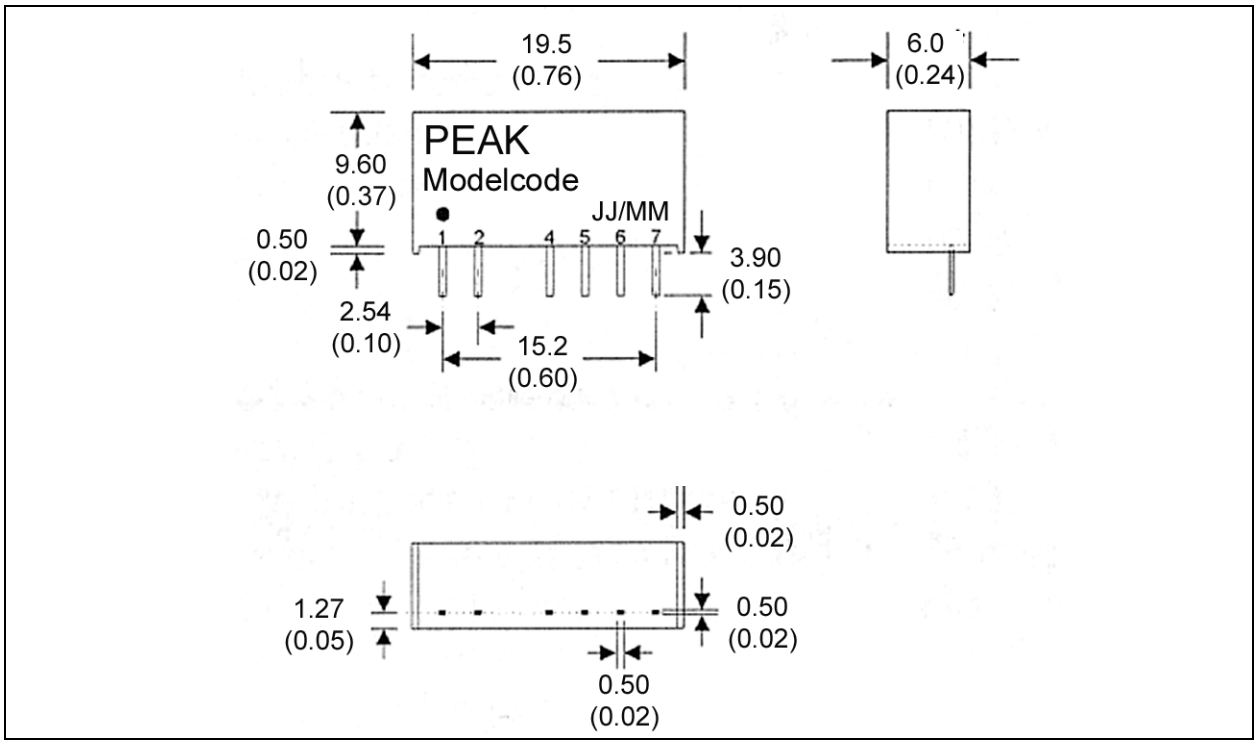
Electrical Specifications
(Typical at + 25° C, nominal input voltage, rated output current unless otherwise specified)

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

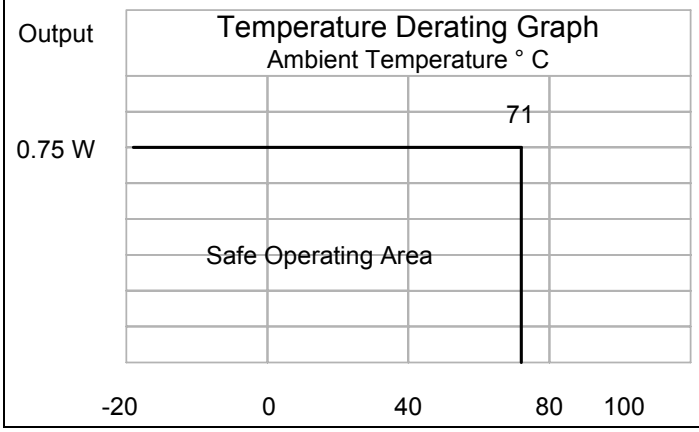
Examples of Partnumbers

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



Pin #	Connection Dual		
1	+	V	Input
2	-	V	Input
4	-	V	Output
5			Common
6	+	V	Output

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