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MA SERIES P7BUI-XXXXXXZ 1KV ISOLATED 1.25 W UNREGULATED DUAL SEP. OUTPUT DIP8

Available Inputs:
5, 12 and 24 VDC
Available Outputs:
(++) 3.3, 5, 7.2, 12, and 15 VDC
Other specifications please enquire.

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

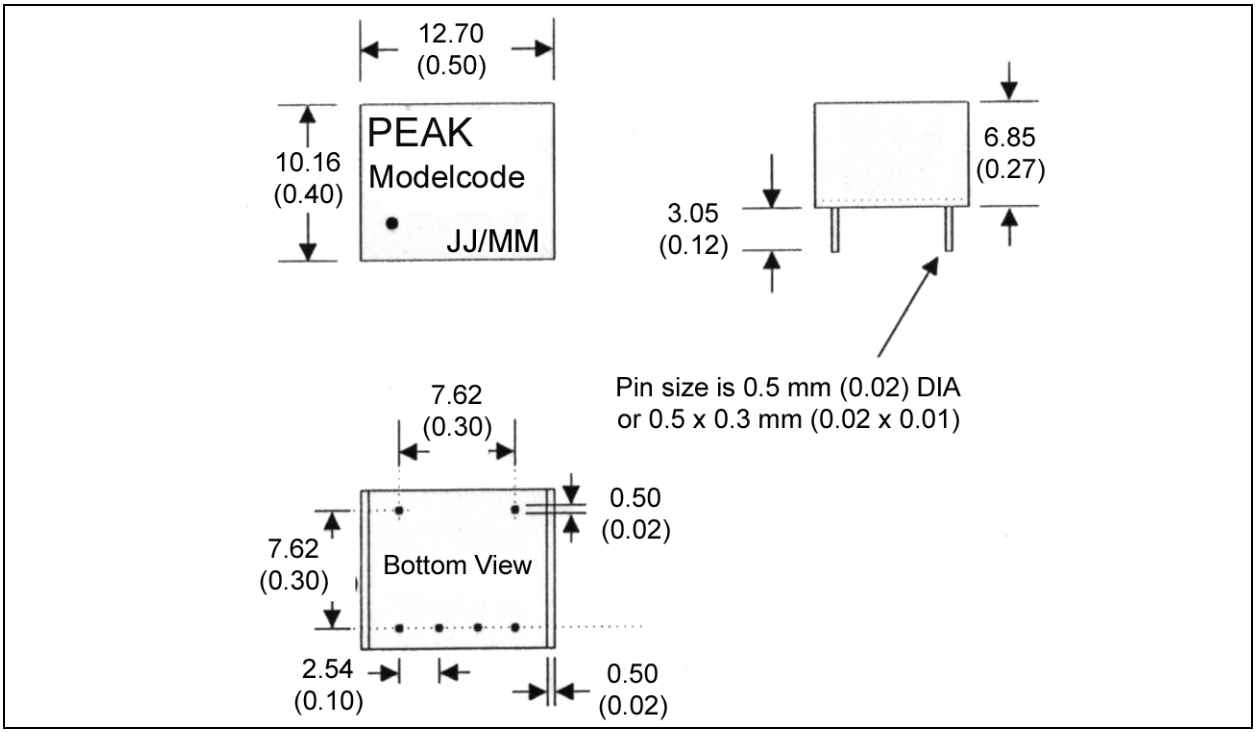
Input Specifications	
Voltage range	+/- 10 %
Filter	Capacitors
Isolation Specifications	
Rated voltage	1000 VDC
Leakage current	1 mA
Resistance	10^9 Ohm
Capacitance	80 pF typ.
Output Specifications	
Voltage accuracy	+/- 5 %, max.
Ripple and noise (at 20 MHz BW)	100 mV p-p, max.
Short circuit protection	Momentary
Line voltage regulation	+/- 1,2 % / 1,0 % of Vin
Load voltage regulation	+/- 8 %, load = 20 ~ 100 %
Temperature coefficient	+/- 0,02 % / °C
General Specifications	
Efficiency	70 % to 80 %
Switching frequency	80 KHz, typ.
Environmental Specifications	
Operating temperature (ambient)	- 40° C to + 85° C
Storage temperature	- 55 °C to + 125 °C
Derating	See graph
Humidity	Up to 90 %, non condensing
Cooling	Free air convection
Physical Characteristics	
Dimensions DIP	12,70 x 10,16 x 6,85 mm 0,50 x 0,40 x 0,27 inches
Weight	1,8 g
Case material	Non conductive black plastic

Examples of Partnumbers

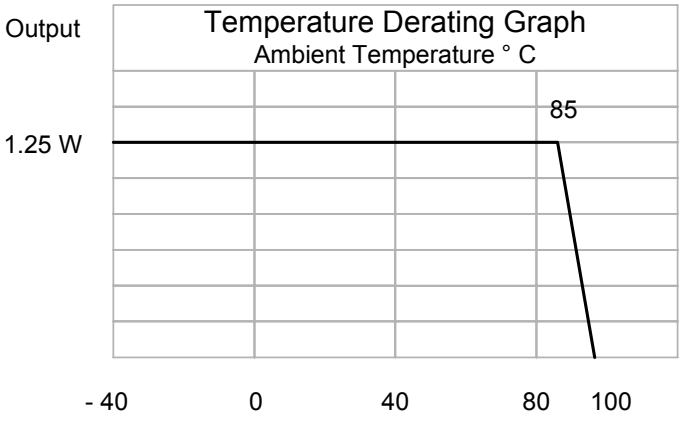
PART NO.	INPUT VOLTAGE (VDC)	INPUT CURRENT NO LOAD	INPUT CURRENT FULL LOAD	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (max. mA)	EFFICIENCY FULL LOAD (% TYP.)
P7BUI-053R33R3Z	5	25	328.94	3.3/3.3	189/189	76
P7BUI-050505Z	5	25	320.51	5/5	125/125	78
P7BUI-051212Z	5	25	320.51	12/12	52/52	78
P7BUI-051515Z	5	25	320.51	15/15	42/42	78
P7BUI-123R33R3Z	12	16	137.06	3.3/3.3	189/189	76
P7BUI-120505Z	12	16	133.54	5/5	125/125	78
P7BUI-121212Z	12	16	133.54	12/12	52/52	78
P7BUI-121515Z	12	16	133.54	15/15	42/42	78
P7BUI-243R33R3Z	24	8	68.53	3.3/3.3	189/189	76
P7BUI-240505Z	24	8	66.77	5/5	125/125	78
P7BUI-241212Z	24	8	66.77	12/12	52/52	78

P7BUI-241515Z	24	8	66.77	15/15	42/42	78

Dimensions



Derating Graph and Pinning



Pin	Connection		
#	Single		
1	-	V	Input
4	+	V	Input
5	+	V	Output1
6	-	V	Output1
7	+	V	Output2
8	-	V	Output2

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