

MA SERIES P7BU-XXXXE 1KV ISOLATED 1.25 W UNREGULATED SINGLE OUTPUT DIP8**Available Inputs:****5, 12 and 24 VDC****Available Outputs:****3.3, 5, 7.2, 12, 15 and 18 VDC**

Other specifications please enquire.

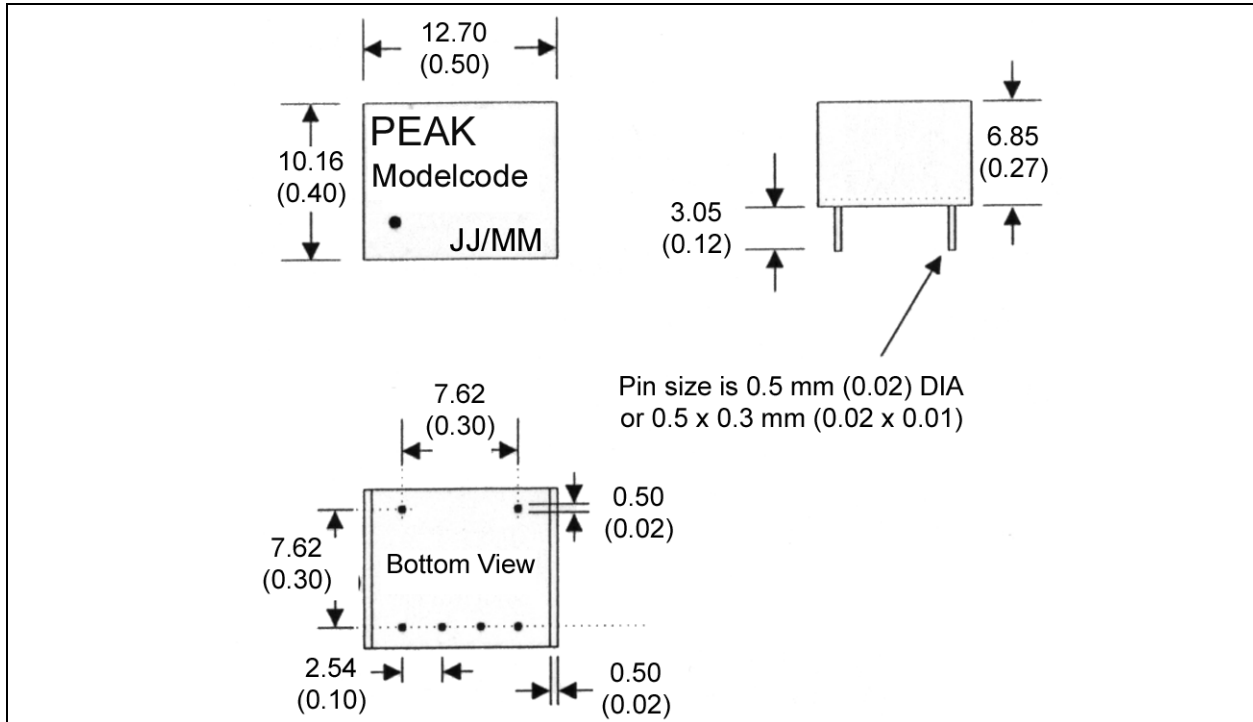
Electrical Specifications

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

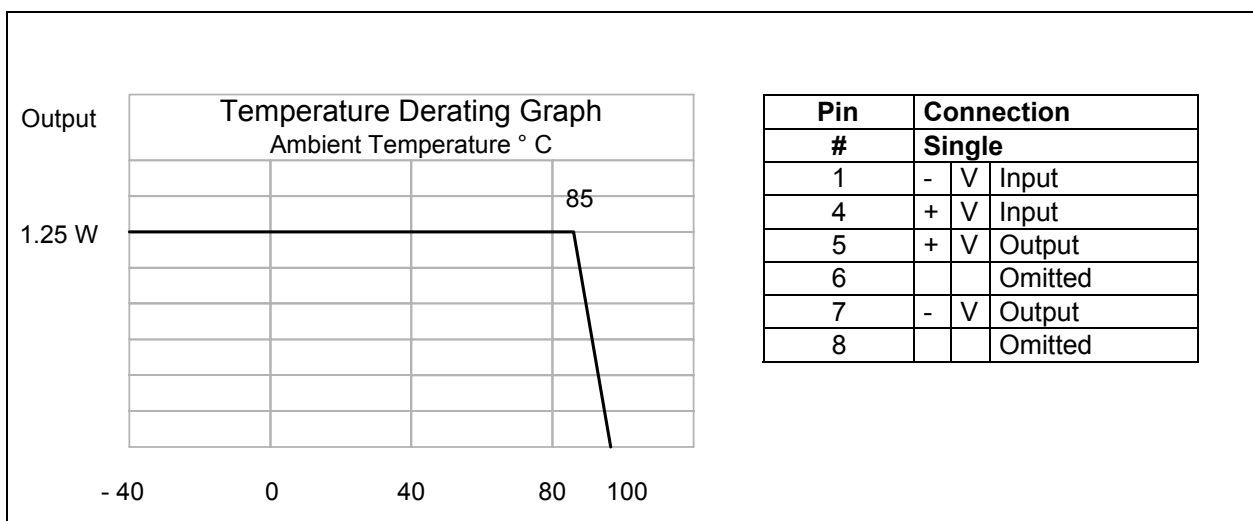
Input SpecificationsVoltage range +/- 10 %
Filter Capacitors**Isolation Specifications**Rated voltage 1000 VDC
Leakage current 1 mA
Resistance 10⁹ Ohm
Capacitance 60 pF typ.**Output Specifications**Voltage accuracy +/- 5 %, max.
Ripple and noise (at 20 MHz BW) 100 mV p-p, max.
Short circuit protection 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.)
P7BU-0505E	5	25	320.5	5	250	78
P7BU-0512E	5	25	320.5	12	104	78
P7BU-0515E	5	25	320.5	15	84	78
P7BU-1205E	12	16	133.5	5	250	78
P7BU-1212E	12	16	133.5	12	104	78
P7BU-1215E	12	16	133.5	15	84	78
P7BU-2405E	24	8	66.8	5	250	78
P7BU-2412E	24	8	66.8	12	104	78
P7BU-2415E	24	8	66.8	15	84	78
P7BU-2424E	24	8	69	24	52	78

Dimensions



Derating Graph and Pinning



Specification can be changed without notice.

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