

**MA
SERIES**

P2BU-XXXXE 1KV ISOLATED 0,25 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 Specifications

Voltage range

+/- 10 %

Filter

Capacitors

Isolation Specifications

Rated voltage

1000 VDC

Leakage current

1 mA

Resistance

10⁹ 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

55 % to 75 %

Switching frequency

80 KHz, typ.

Environmental Specifications

Operating temperature (ambient)

- 40° C to + 85° C

Storage temperature

- 55 °C to + 125 °C

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

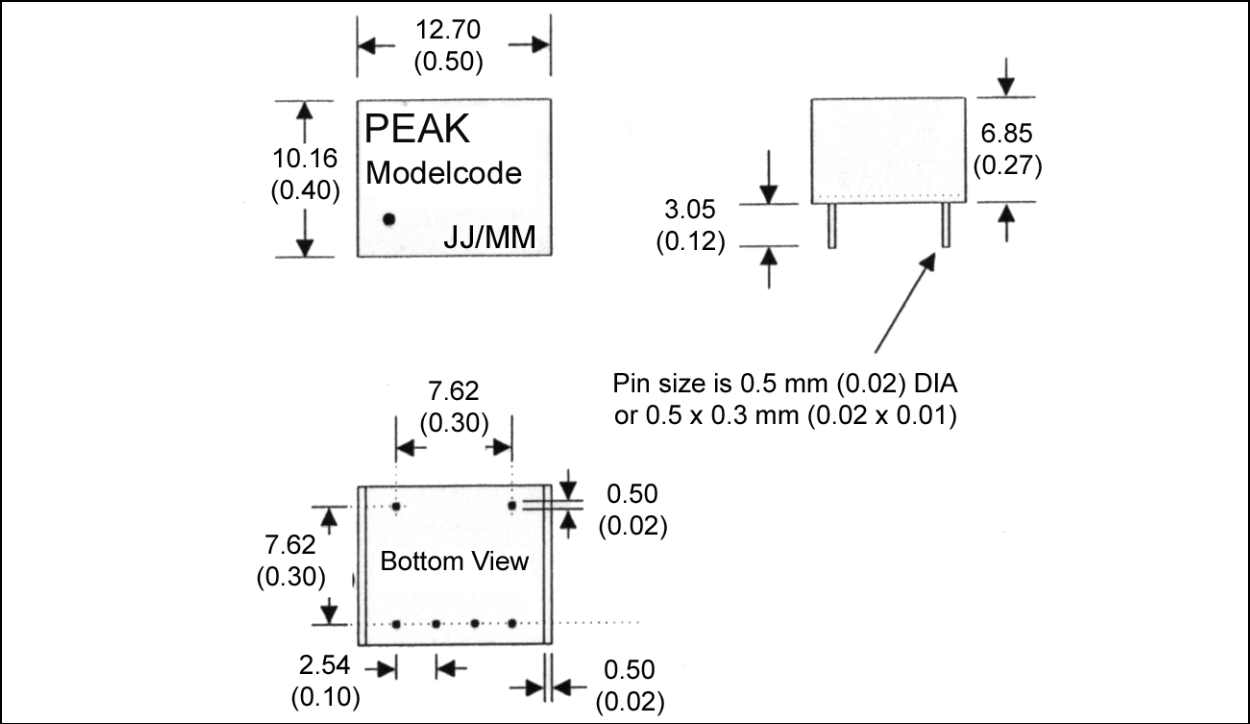
Case material

Non conductive black plastic

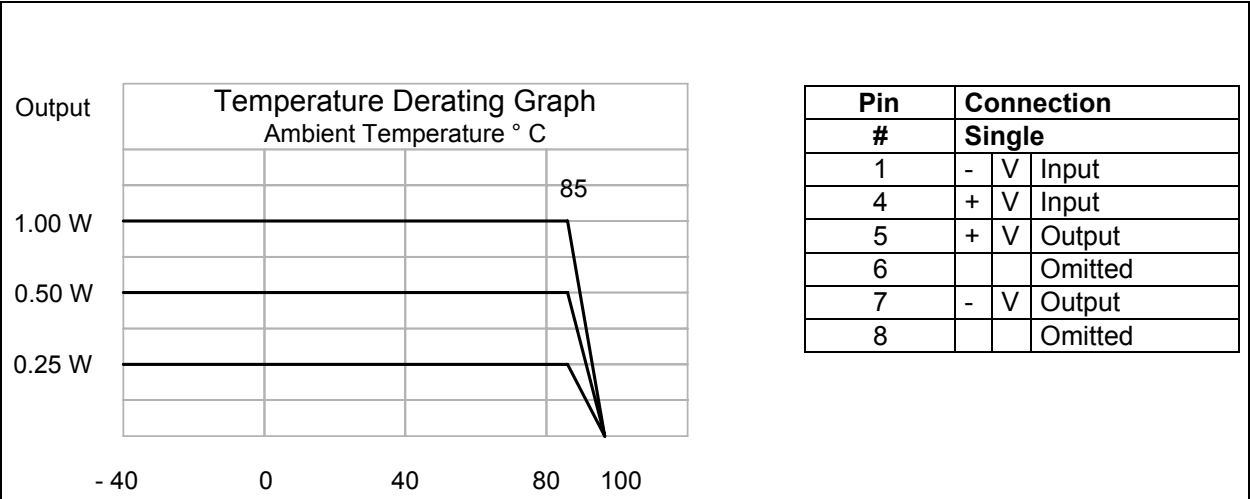
Examples of Partnumbers

PART NO.	INPUT VOLTAGE (VDC)	INPUT CURRENT NO LOAD	INPUT CURRENT FULL LOAD	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (max. mA)	EFFICIENCY FULL LOAD (% TYP.)
P2BU-0505E	5	14	77.00	05	50.00	65
P2BU-0512E	5	14	70.43	12	20.83	71
P2BU-0515E	5	14	70.43	15	16.66	71
P2BU-0524E	5	18	73.53	24	10.42	68
P2BU-1205E	12	12	32.06	05	50.00	65
P2BU-1212E	12	12	29.35	12	20.83	71
P2BU-1215E	12	12	29.35	15	16.66	71
P2BU-1505E	15	09	25.00	05	50.00	67
P2BU-2405E	24	07	17.95	05	50.00	58
P2BU-2412E	24	07	16.03	12	20.83	65
P2BU-2415E	24	07	16.03	15	16.66	65

Dimensions



Pinning



Specification can be changed without notice.

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