

## MA SERIES

## P2AU-XXXXE 1KV ISOLATED 0,25 W UNREGULATED SINGLE OUTPUT SIP4

### 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

10<sup>9</sup> 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 SIP

11,68 x 6,00 x 10,16 mm

0,46 x 0,24 x 0,40 inches

Weight

1,8 g

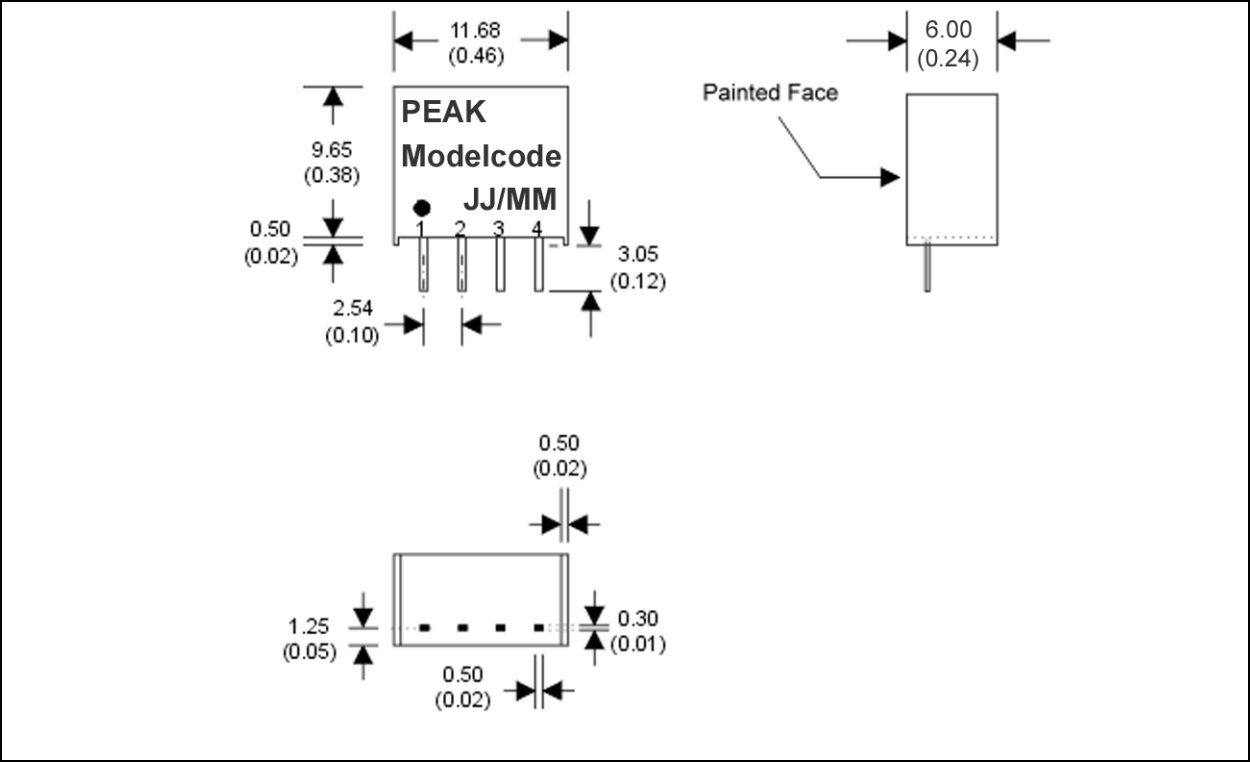
Case material

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.)
P2AU-0505E	5	14	77.00	05	50.00	65
P2AU-0512E	5	14	70.43	12	20.83	71
P2AU-0515E	5	14	70.43	15	16.66	71
P2AU-0524E	5	18	73.53	24	10.42	68
P2AU-1205E	12	12	32.06	05	50.00	65
P2AU-1212E	12	12	29.35	12	20.83	71
P2AU-1215E	12	12	29.35	15	16.66	71
P2AU-1505E	15	09	25.00	05	50.00	67
P2AU-2405E	24	07	17.95	05	50.00	58
P2AU-2412E	24	07	16.03	12	20.83	65
P2AU-2415E	24	07	16.03	15	16.66	65

Dimensions



Pinning

