

MG SERIES

PET3-xxxxE4:1 1.5 KV ISOLATED 2.5 W REGULATED SINGLE OUTPUT DIP24

Other specifications please enquire.

Electrical Specifications

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

Input Specifications

Voltage range 9 - 36 VDC (24 VDC)

Filter

Pi Network

Isolation Specifications

Rated voltage 1500 Vdc

Resistance 10^9 Ohm

Capacitance 390 pF typ.

Output Specifications

Voltage accuracy +/-2% typ.

Ripple and noise (at 20 MHz BW) 80 mV p-p, max.

Short circuit protection Continuous , restart automatic

Line voltage regulation +/- 0,5 % max.

Load voltage regulation +/- 0,5 % max.

Temperature coefficient +/- 0,02 % / °C

General Specifications

Efficiency 70 % to 80 %

Switching frequency 266 KHz, typ.

Environmental Specifications

Operating temperature (ambient) -25°C to +71°C

Storage temperature - 40 °C to + 125 °C

Derating See graph

Humidity Up to 90 %, non condensing

Cooling Free air convection

Physical Characteristics

Dimensions 31,75 x 20,32 x 10,16 mm

1,25 x 0,80 x 0,40 inches

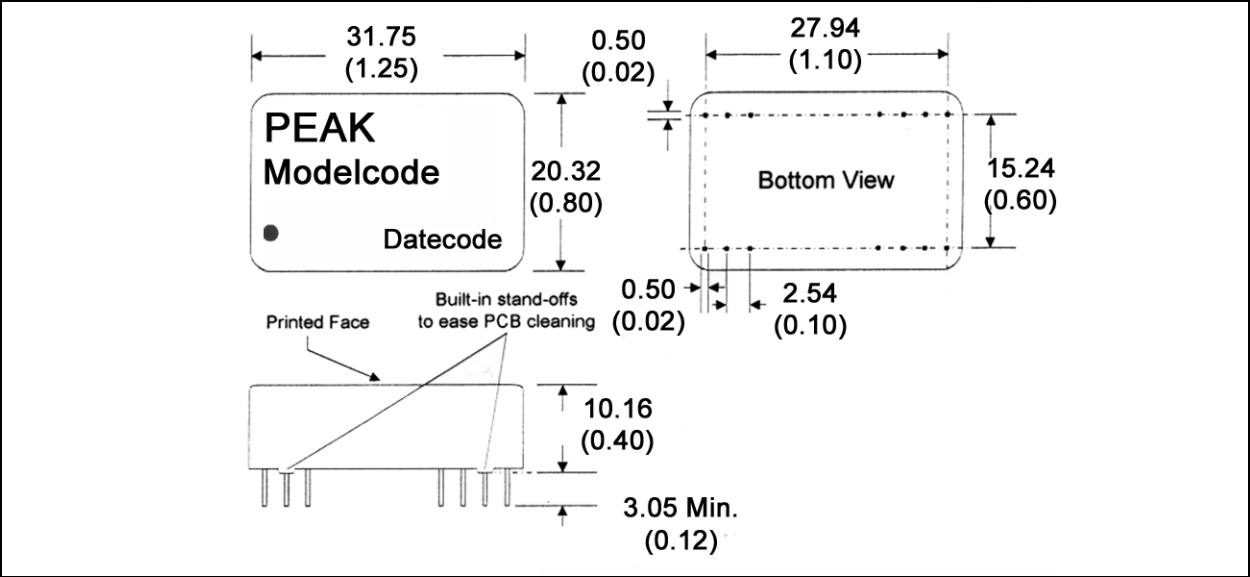
Weight 16,3 g

Case material Nickel Coated Copper

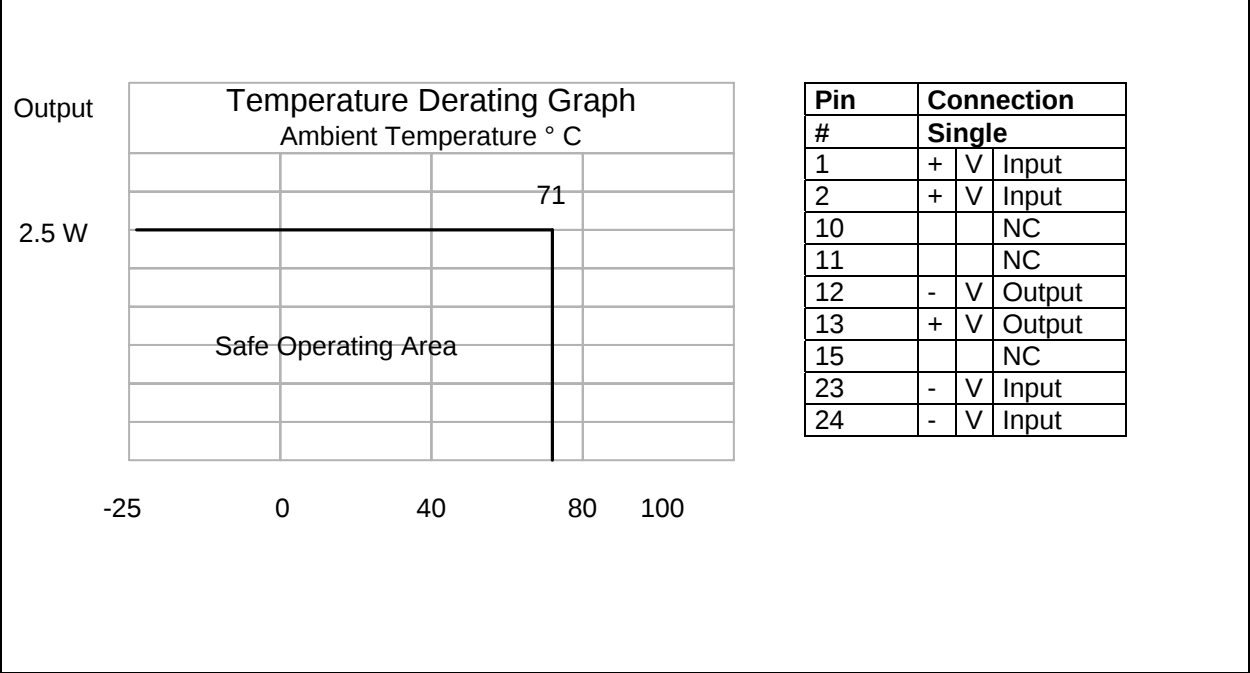
Examples of Partnumbers/Modelcode

PART NO.	INPUT VOLTAGE (VDC) Nominal	INPUT CURRENT NO LOAD	INPUT CURRENT FULL LOAD	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (max. mA)	EFFICIENCY FULL LOAD (% TYP.)
PET3-2405E4:1	9-36	10	130	5	500	80

Dimensions



Derating Graph and Pinning



Specification can be changed without notice.

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