

MD SERIES PEN6-XXXXE4:1 1.5 KV ISOLATED 5 - 6 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), 18 – 72 VDC (48 VDC)

Filter Pi Network

Isolation Specifications

Rated voltage 1500 Vdc

Resistance 10^9 Ohm

Capacitance 390 pF typ.

Output Specifications

Voltage accuracy +/- 1 % typ. +/-2% max.

Ripple and noise (at 20 MHz BW) 75 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 80 %

Switching frequency 260 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 31,75 x 20,32 x 10,16 mm

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

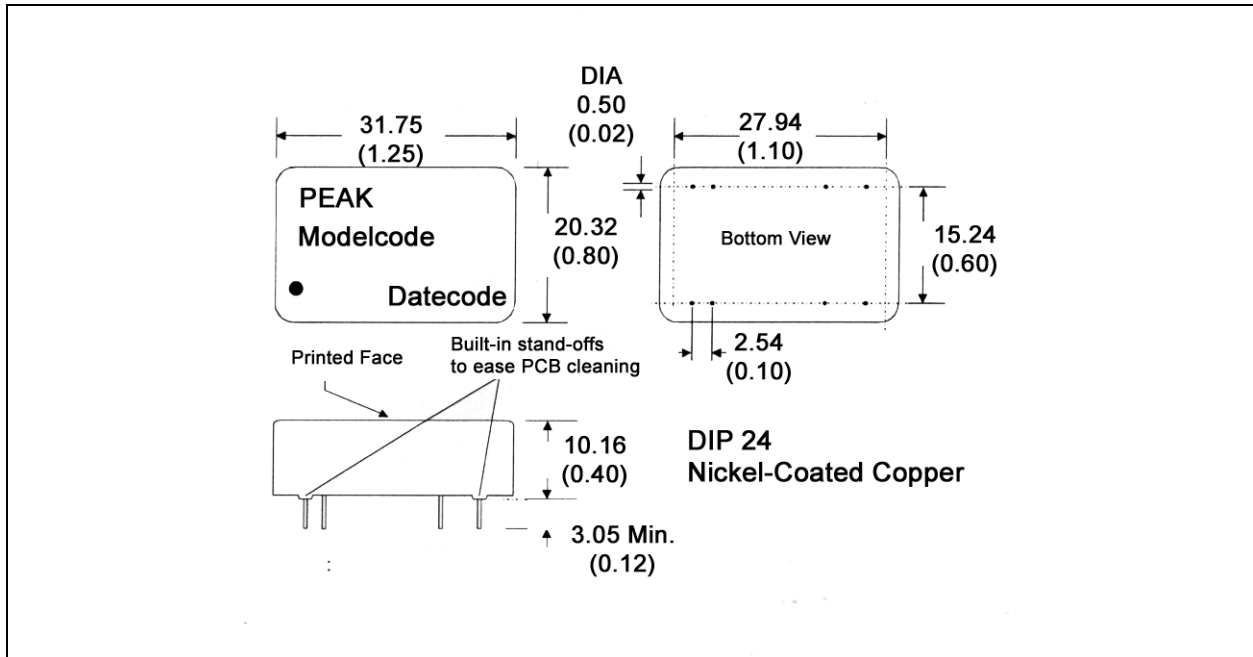
Weight 19,0 g

Case material Nickel Coated Copper

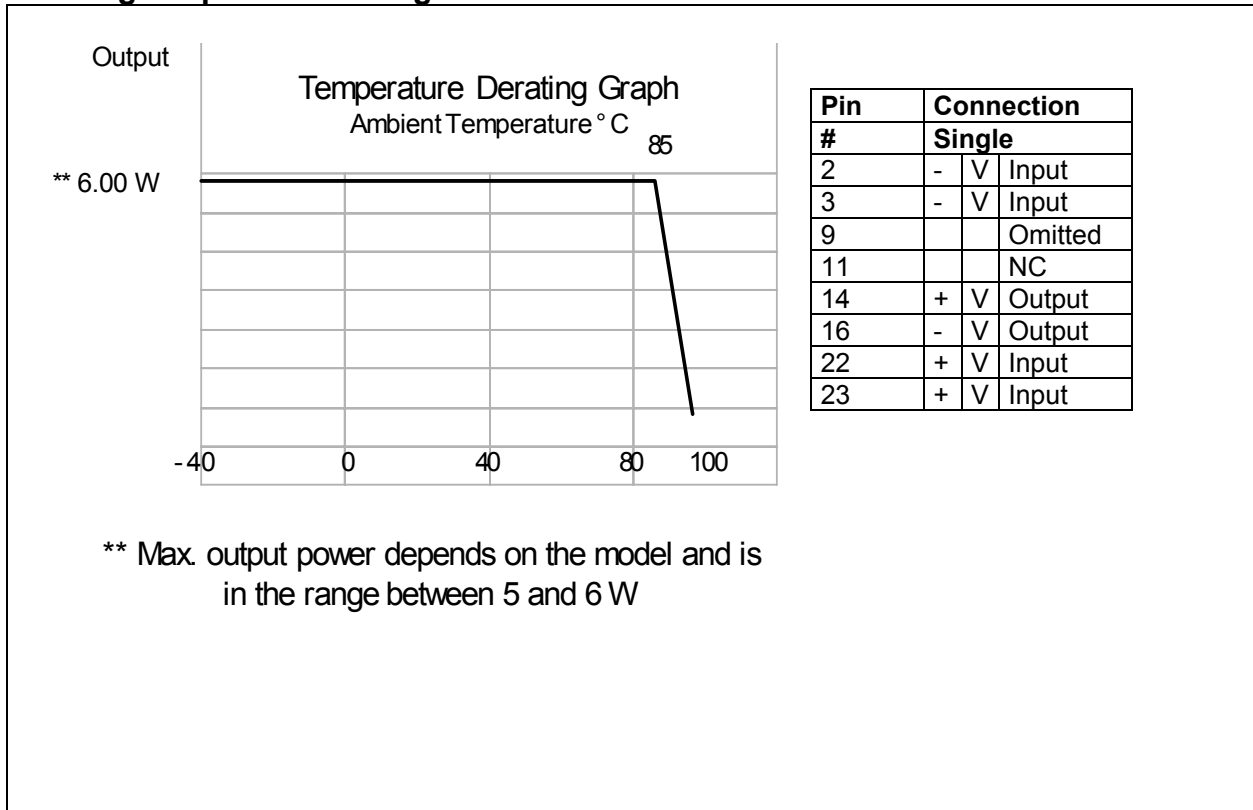
Examples of Partnumbers/Modelcode

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.)
PEN6-2405E4:1	9 - 36	12	260	5	1000	80
PEN6-2412E4:1	9 - 36	12	312	12	500	80
PEN6-2415E4:1	9 - 36	12	312	15	400	80
PEN6-4805E4:1	18 - 72	5	130	5	1000	80
PEN6-4812E4:1	18 - 72	5	156	12	500	80
PEN6-4815E4:1	18 - 72	5	156	15	400	80

Dimensions



Derating Graph and Pinning



Specification can be changed without notice.

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