

**MQ SERIES      P26TG-XXXXZ4:1M   1.5 KV ISOLATED 6 W REGULATED DUAL OUTPUT DIP24**

**Available Inputs:**

**24 and 48 VDC Wide Input 4:1**

**Available Outputs:**

**(+/-) 3.3, 5, 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

9 - 36 VDC (24 VDC), 18 - 72 VDC (48 VDC)

Filter

Pi Network

**Isolation Specifications**

Rated voltage

1500 Vdc

Leakage current

1 mA

Resistance

10<sup>9</sup> Ohm

Capacitance

80 pF typ.

**Output Specifications**

Voltage accuracy

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

Ripple and noise (at 20 MHz BW)

60 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 85 %

Switching frequency

250 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

26,0 g

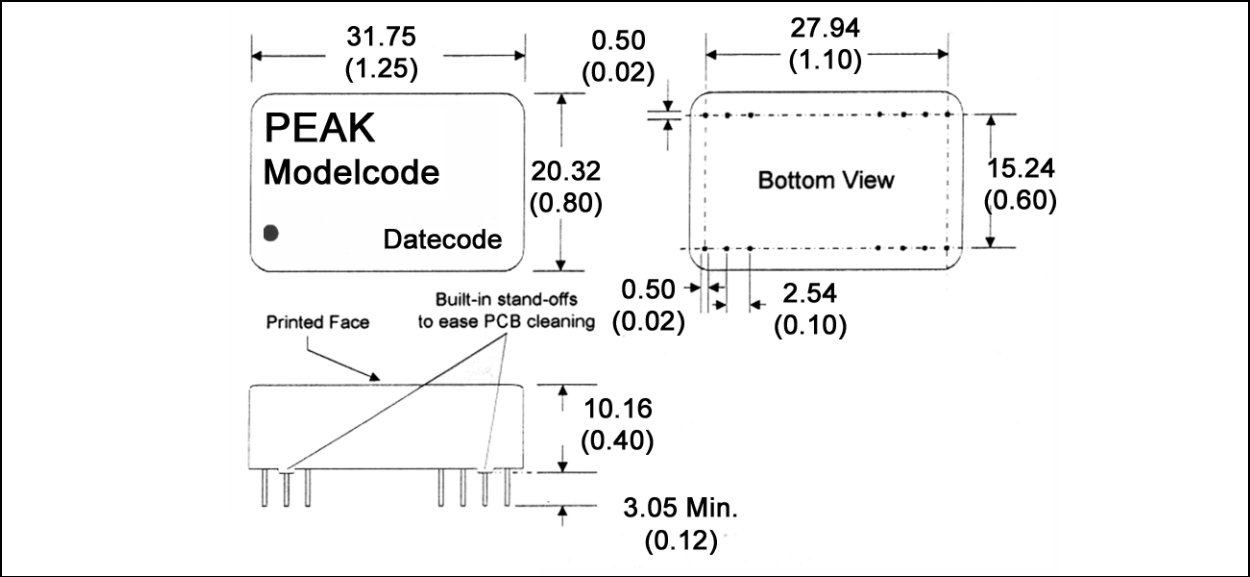
Case material

Nickel Coated Copper

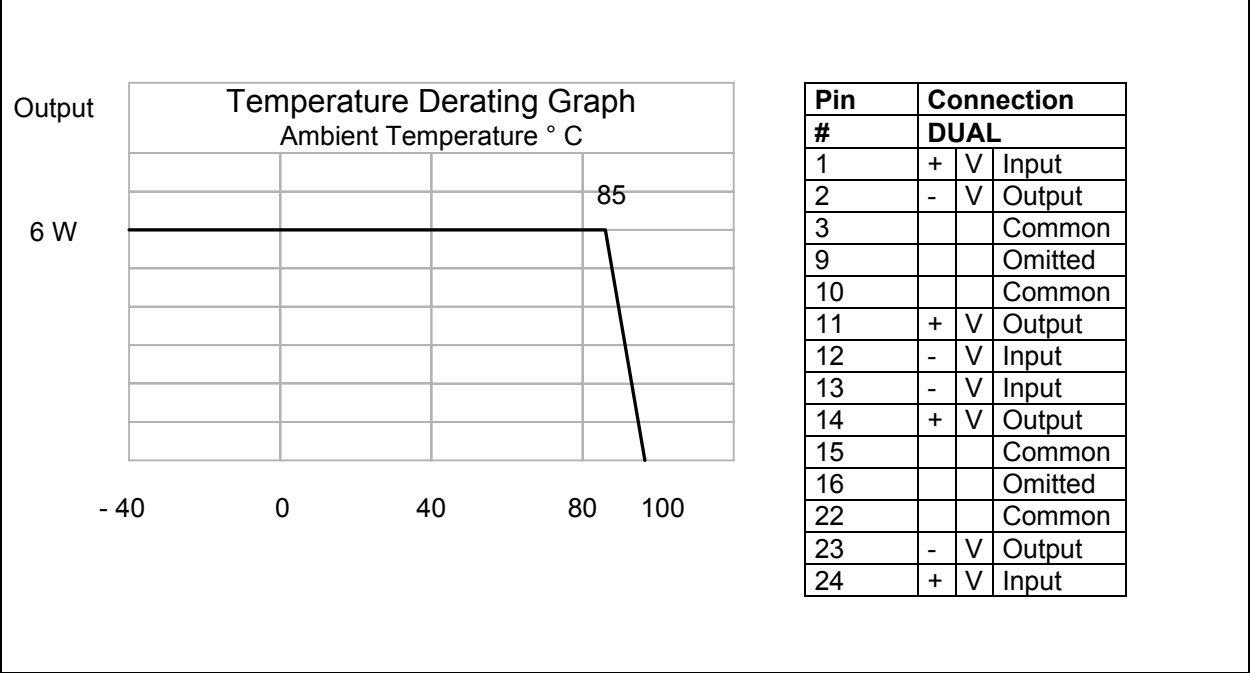
**Examples of Partnumbers/Modelcode**

| PART NO.        | INPUT VOLTAGE (VDC)<br>Nominal | INPUT CURRENT NO LOAD | INPUT CURRENT FULL LOAD | OUTPUT VOLTAGE (VDC) | OUTPUT CURRENT (max. mA) | EFFICIENCY FULL LOAD (% TYP.) |
|-----------------|--------------------------------|-----------------------|-------------------------|----------------------|--------------------------|-------------------------------|
| P26TG-2405Z4:1M | 9-36                           | 20                    | 325                     | +/- 5                | +/- 600                  | 77                            |
| P26TG-2412Z4:1M | 9-36                           | 21                    | 316                     | +/- 12               | +/- 250                  | 79                            |
| P26TG-4805Z4:1M | 18-72                          | 20                    | 158                     | +/- 5                | +/-600                   | 79                            |
| P26TG-4812Z4:1M | 18-72                          | 20                    | 158                     | +/- 12               | +/- 250                  | 79                            |

Dimensions



Derating Graph and Pinning



Specification can be changed without notice.

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