

MSS SERIES

PS10GG-XXXXE2:1H10 1KV ISOLATED 2 W REGULATED SINGLE OUTPUT SIP12

Available Inputs:

12 and 24 VDC Wide Input 2:1

Available Outputs:

5, 9, 12 and 15 VDC

Other specifications please enquire.

Electrical Specifications

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

Input Specifications

Voltage range

9-18 VDC (12 VDC), 18-36 VDC (24 VDC)

Filter

PI Filter

Isolation Specifications

Rated voltage

1000 VDC

Resistance

10⁹ Ohm

Output Specifications

Voltage accuracy

+/- 2 %, max.

Ripple and noise (at 20 MHz BW)

100 mV p-p, max.

Short circuit protection

Continuous automatic restart

Line voltage regulation

+/- 0.5 % max.

Load voltage regulation

+/- 0.5 % max.

Temperature coefficient

+/- 0,03 % / °C

General Specifications

Efficiency

70 %

Switching frequency

75 KHz, typ.

Environmental Specifications

Operating temperature (ambient)

- 25° C to + 71° C

Storage temperature

- 55 °C to + 125 °C

Derating

See graph

Humidity

Up to 90 %, non condensing

Cooling

Free air convection

Physical Characteristics

Dimensions

31.80 x 14.50 x 8.60 mm

1.25 x 0,57 x 0,34 inches

Weight

6.6 g

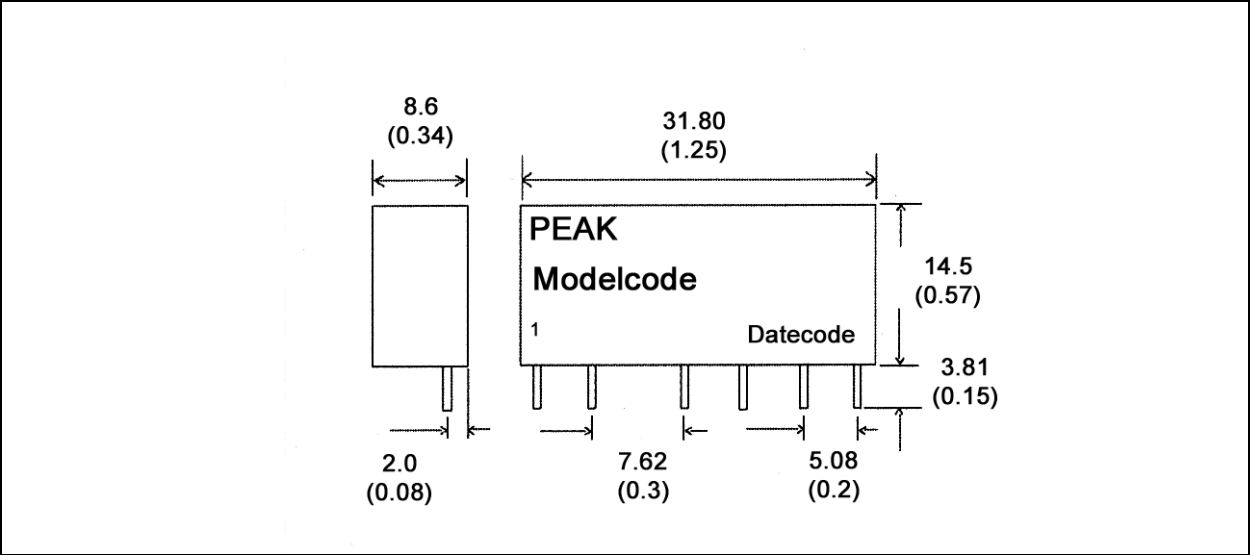
Case material

Non conductive black plastic

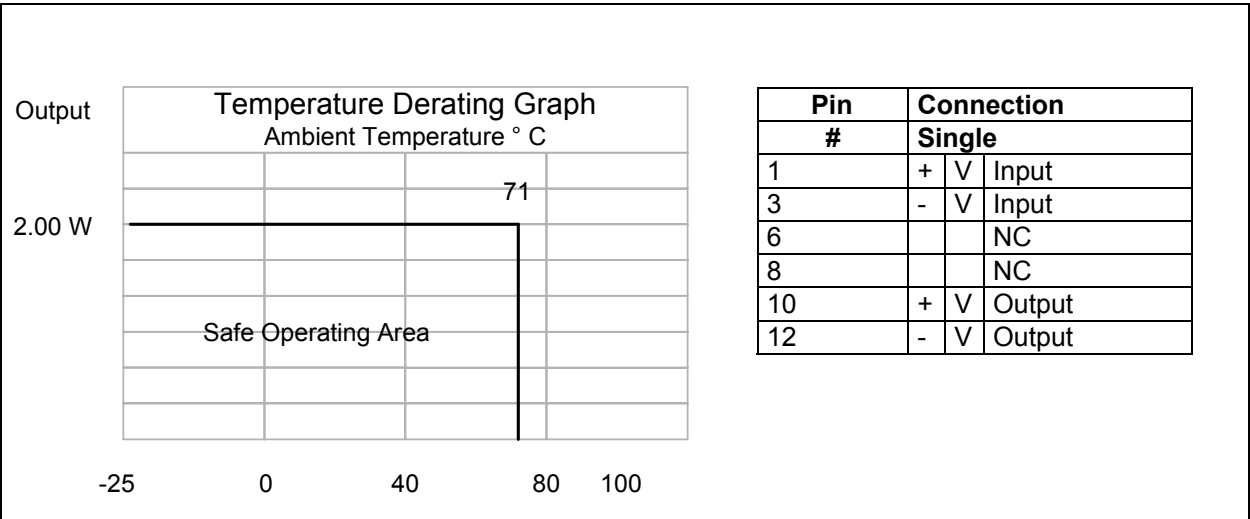
Examples of Partnumbers

PART NO.	INPUT VOLTAGE (VDC)	INPUT CURRENT NO LOAD	INPUT CURRENT FULL LOAD	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (max. mA)	EFFICIENCY FULL LOAD (% TYP.)
PS10GG-1205E2:1H10	9-18	20	231	5	400	72
PS10GG-1209E2:1H10	9-18	20	225	9	222	74
PS10GG-1212E2:1H10	9-18	20	213	12	168	78
PS10GG-1215E2:1H10	9-18	20	213	15	133	78
PS10GG-2405E2:1H10	18-36	12	112	5	400	74
PS10GG-2409E2:1H10	18-36	13	111	9	222	75
PS10GG-2412E2:1H10	18-36	11	107	12	168	78
PS10GG-2415E2:1H10	18-36	11	107	15	133	78

Dimensions



Derating Graph and Pinning



Specification can be changed without notice.

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