

P6NG-xxxxZ2:1LF 1KV ISOLATED 1W REGULATED DUAL OUTPUT SIP8

Other specifications please enquire.

Electrical Specifications

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

Input Specifications

Voltage range 4.5-9, 9-18, 18-36, 36-72 VDC 2:1 WIDE INPUT
 Input Filter Capacitor

Isolation Specifications

Rated Voltage 1000 VDC
 Isolation Resistance 1000 MOhm
 Isolation Capacitance 60pF

Output Specifications

Output Voltage accuracy +/- 2%, max.
 Ripple and noise (at 20 MHz BW) 80 mV pk-pk
 Short circuit protection Indefinite, automatic recovery
 Line voltage regulation +/- 0.5 %
 Load voltage regulation +/- 1 %, max. (load = 25 ~ 100 %)
 Temperature Coefficient +/- 0.02% / °C

General Specifications

Switching Frequency 100 – 650 Khz

Environmental Specifications

Operating temperature (ambient) - 40° C to + 85° C / case temp. 100°C, max.
 Storage temperature - 40 °C to + 125 °C
 Humidity 95% rel H
 Cooling Free Air Convection

Physical Characteristics

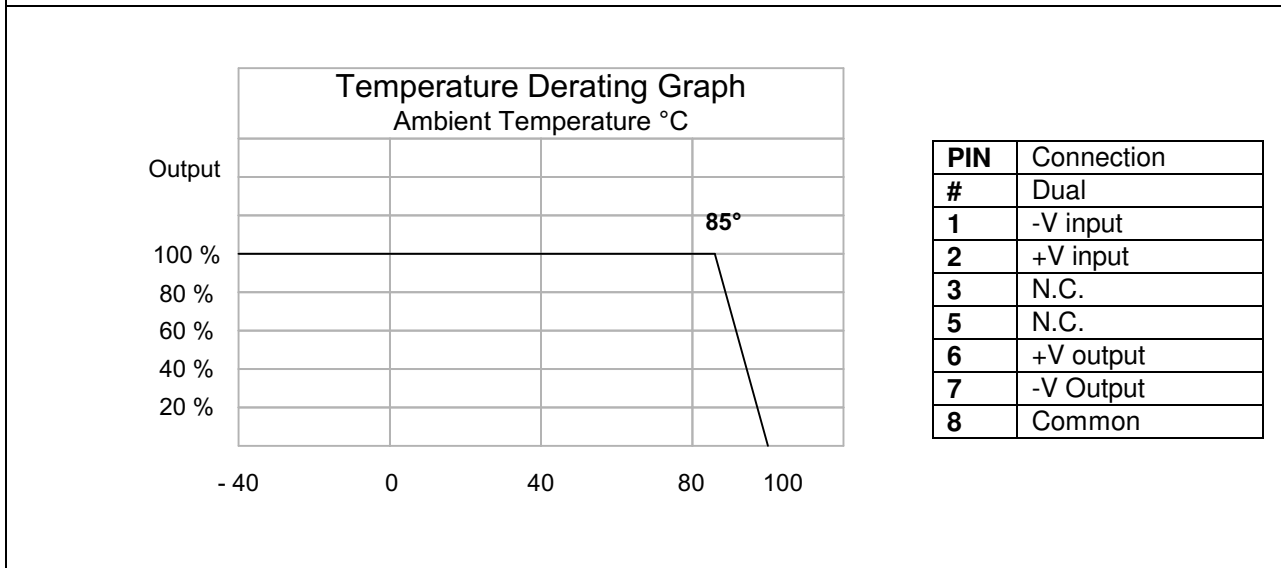
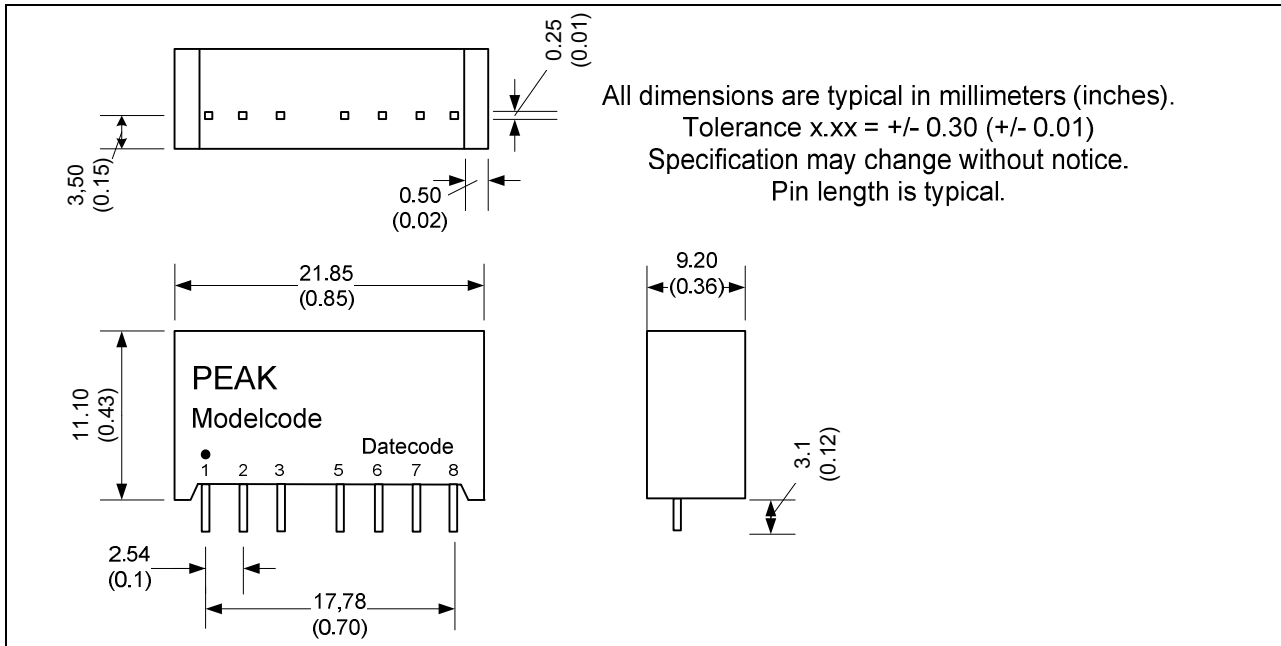
Case material Non conductive black plastic (UL94V-0 rated)
 "RoHS compliant" Soldering 260 °C / max. 10 sec.

Samples of Partnumbers

PART NO.	INPUT VOLTAGE (VDC)	Input Current NO LOAD (mA, typ.)	Input Current FULL LOAD (mA, max.)	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (max. mA)	EFF. FULL LOAD (% TYP.)
P6NG-053R3Z2:1LF	4.5 - 9	15	285	+/- 3.3	+/- 152	70
P6NG-0505Z2:1LF		15	270	+/- 5	+/- 100	74
P6NG-0509Z2:1LF		20	270	+/- 9	+/- 65	74
P6NG-0512Z2:1LF		20	266	+/- 12	+/- 42	75
P6NG-0515Z2:1LF		40	285	+/- 15	+/- 33	70
P6NG-0524Z2:1LF		70	298	+/- 24	+/- 21	67
P6NG-123R3Z2:1LF	9 - 18	15	119	+/- 3.3	+/- 152	70
P6NG-1205Z2:1LF		15	115	+/- 5	+/- 100	72
P6NG-127R2Z2:1LF		15	115	+/- 7.2	+/- 69	72
P6NG-1209Z2:1LF		15	109	+/- 9	+/- 56	76
P6NG-1212Z2:1LF		15	109	+/- 12	+/- 42	76
P6NG-1215Z2:1LF		15	112	+/- 15	+/- 33	74
P6NG-1224Z2:1LF	40	124	+/- 24	+/- 21	67	
P6NG-243R3Z2:1LF	18 - 36	8	59	+/- 3.3	+/- 152	70
P6NG-2405Z2:1LF		8	59	+/- 5	+/- 100	70
P6NG-2409Z2:1LF		8	54	+/- 9	+/- 65	76
P6NG-2412Z2:1LF		8	54	+/- 12	+/- 42	77
P6NG-2415Z2:1LF		8	55	+/- 15	+/- 33	75
P6NG-2424Z2:1LF		20	59	+/- 24	+/- 21	70
P6NG-483R3Z2:1LF	36 - 72	6	30	+/- 3.3	+/- 152	70
P6NG-4805Z2:1LF		6	30	+/- 5	+/- 100	70
P6NG-4809Z2:1LF		6	28	+/- 9	+/- 65	74
P6NG-4812Z2:1LF		6	27	+/- 12	+/- 42	76
P6NG-4815Z2:1LF		6	29	+/- 15	+/- 33	72
P6NG-4824Z2:1LF		12	30	+/- 24	+/- 21	70

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Dimensions



PIN #	Connection
1	-V input
2	+V input
3	N.C.
5	N.C.
6	+V output
7	-V Output
8	Common

Specification can be changed without notice.

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