

## P10NG-xxxxZ2:1LF 1KV ISOLATED 2W 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

Isolation 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 max 100°C max  
 Storage temperature - 40 °C to + 125 °C  
 Humidity 95% rel H  
 Cooling Free Air Convection

#### Physical Characteristics

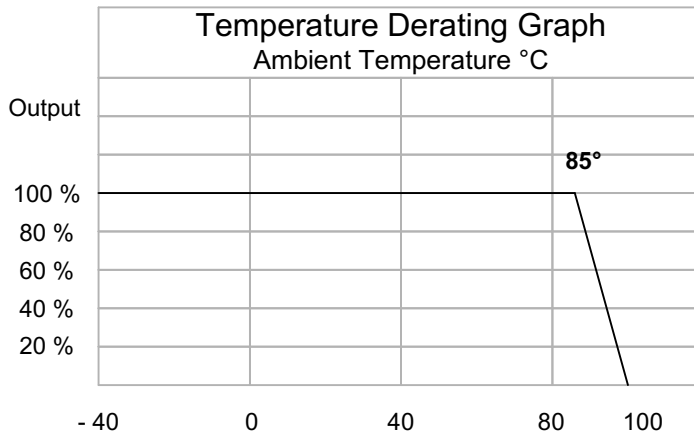
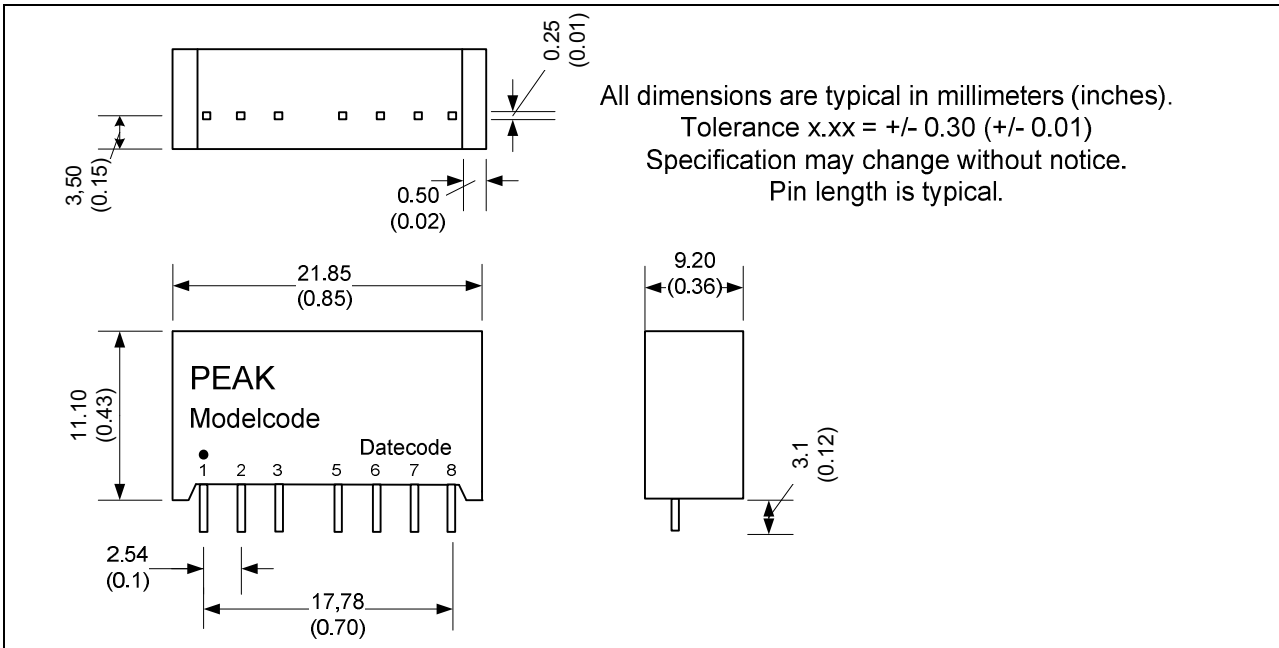
Case material Non conductive black plastic (UL94V-0 rated)  
 “RoHS compliant” Soldering 260°C / max. 10 sec.

### 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.)
P10NG-053R3Z2:1LF	4.5 - 9	20	471	+/- 3.3	+/- 250	70
P10NG-0505Z2:1LF		20	571	+/- 5	+/- 200	70
P10NG-0509Z2:1LF		20	540	+/- 9	+/-111	74
P10NG-0512Z2:1LF		25	533	+/- 12	+/- 83	75
P10NG-0515Z2:1LF		25	533	+/- 15	+/- 67	75
P10NG-0524Z2:1LF		60	563	+/- 24	+/- 42	71
P10NG-123R3Z2:1LF	9 - 18	15	188	+/- 3.3	+/- 250	73
P10NG-1205Z2:1LF		15	222	+/- 5	+/- 200	75
P10NG-127R2Z2:1LF		15	231	+/- 7.2	+/- 138	72
P10NG-1209Z2:1LF		15	210	+/- 9	+/-111	79
P10NG-1212Z2:1LF		15	208	+/- 12	+/- 83	80
P10NG-1215Z2:1LF		15	210	+/- 15	+/- 67	79
P10NG-1224Z2:1LF	30	219	+/- 24	+/- 42	76	
P10NG-243R3Z2:1LF	18 - 36	8	94	+/- 3.3	+/- 250	73
P10NG-2405Z2:1LF		8	106	+/- 5	+/- 200	78
P10NG-2409Z2:1LF		8	105	+/- 9	+/-111	79
P10NG-2412Z2:1LF		8	104	+/- 12	+/- 83	80
P10NG-2415Z2:1LF		8	104	+/- 15	+/- 67	80
P10NG-2424Z2:1LF		20	106	+/- 24	+/- 42	78
P10NG-483R3Z2:1LF	36 - 72	6	47	+/- 3.3	+/- 250	73
P10NG-4805Z2:1LF		6	56	+/- 5	+/- 200	74
P10NG-4809Z2:1LF		6	53	+/- 9	+/-111	79
P10NG-4812Z2:1LF		6	53	+/- 12	+/- 83	79
P10NG-4815Z2:1LF		6	52	+/- 15	+/- 67	80
P10NG-4824Z2:1LF		12	55	+/- 24	+/- 42	75

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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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