

**Input Volt.****3.3, 5, 9, 12, 15, 18, 24 VDC****Output Volt.****(+/-) 3.3, 5, 9, 12, 15, 18, 24 VDC**

Other specifications required, please inquire us for details.

**Technical Parameters**

All the parameters below are tested at TA=25° C, nominal input voltage, rated output current.

**Input Parameters**

Volt. Range	+/- 10 %
Filter	Ceramic-capacitor

**Isolation Parameters**

Rated Isolation Volt.	6000 VDC
Leak current	<1 mA
Resistance	10 <sup>9</sup> Ohm
Capacitor	60 pF TYP.

**Output Parameters**

Volt. Precision	+/- 5 %, max.
( 20 MHz BW) Ripple&Noise	150mV p-p, max.
Continuous short-circuit time	Immediately (<1s)
Linear volt. Calibration	+/- 1,2 % / 1,0 % of Vin
Load volt. Calibration	+/- 8 %, load = 20 ~ 100 %
Temperature index	+/- 0,02 % / °C

**General Parameters**

Efficiency	60% to 85 %
Switching Frequency	100 KHz, type.

**Environmental Parameters**

Operating Temp. (environmental)	- 40° C to + 85° C
Storage Temp.	- 55 °C to + 125 °C
Reducing rated value	See temperature derating graph below
Humidity	≤ 90 %, Non-compression
Colling method	Natural Free-air

**Dimension**

SIP Package size	19.6 x6.0 x10.0 mm
	0.77 x 0.24 x 0.39 inch
	3.0 g~5.0 g

**Weight****External Package Material**

Non-conductive flame-retardant black plastics

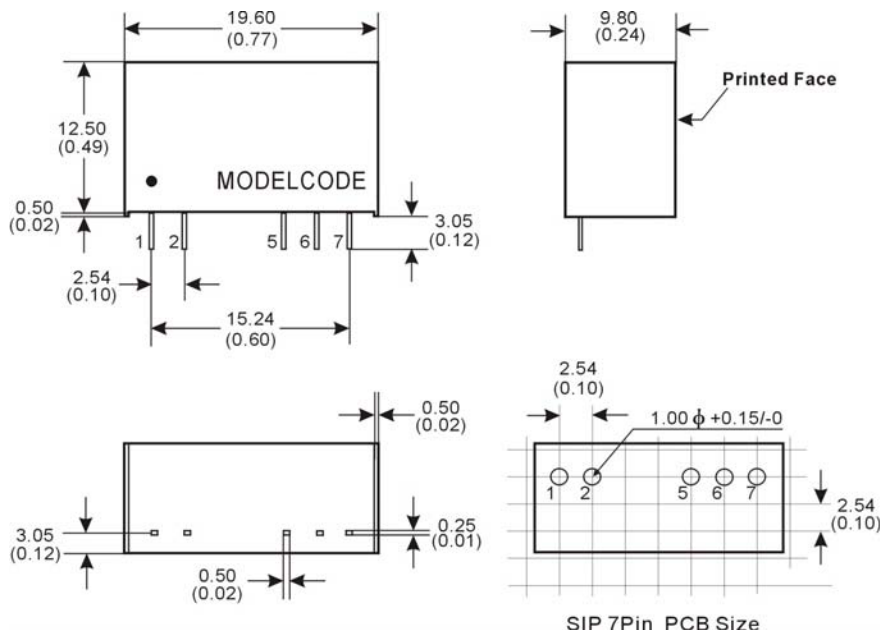
**Typical Product List:** (The parameters below are collected at 8 hours full-load aging test.)

Model No.	Input Volt. Vin(VDC)	Input Current Empty load (mA)	Input Current Full load (mA)	Output Volt. Vout(VDC)	Output Current (max.mA)	Efficiency Full load (%TYPE)
G0505S-W2	5	10	63	+/-5	+/-20	64
G1205S-W2	12	10	26	+/-5	+/-20	65
G2405S-W2	24	10	13	+/-5	+/-20	63
G0505S-W5	5	25	153	+/-5	+/-50	65
G1205S-W5	12	13	62	+/-5	+/-50	67
G2405S-W5	24	11	31	+/-5	+/-50	66
G0505S-1W	5	28	65	+/-5	+/-100	71
G0512S-1W	5	23	27	+/-12	+/-42	80

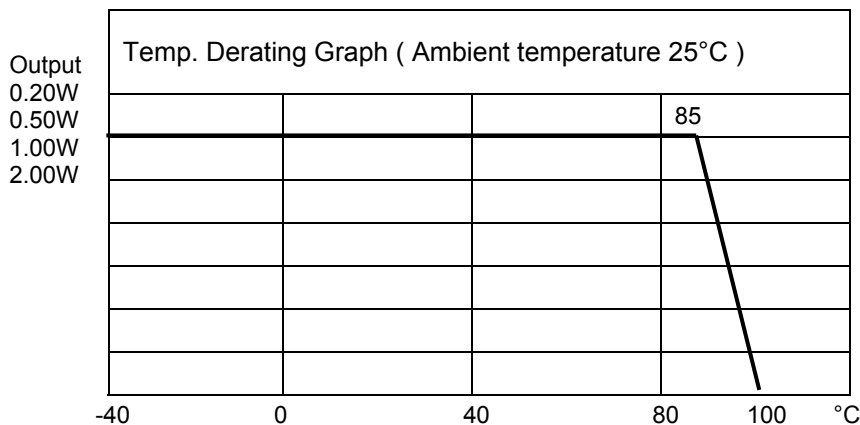


Model No.	Input Volt. Vin(VDC)	Input Current Empty load (mA)	Input Current Full load (mA)	Output Volt. Vout(VDC)	Output Current (max.mA)	Efficiency Full load (%TYPE)
G0515S-1W	5	20	32	+/-15	+/-34	80
G1205S-1W	12	12	159	+/-5	+/-100	80
G1212S-1W	12	13	107	+/-12	+/-42	78
G2405S-1W	24	12	56	+/-5	+/-100	74
G2412S-1W	24	10	55	+/-12	+/-42	76
G2415S-1W	24	8	52	+/-15	+/-34	80
G0505S-2W	5	42	533	+/-5	+/-200	75
G0512S-2W	5	45	526	+/-12	+/-84	76
G1205S-2W	12	20	216	+/-5	+/-200	77
G1212S-2W	12	18	213	+/-12	+/-84	78
G2405S-2W	24	10	107	+/-5	+/-200	78

External Dimension & PCB Installation:



Temperature Derating Graph and PIN Definition



Pin	Function
1	+ Vin Input +
2	- Vin Input -
3	
4	- Vout Output -
5	0 0V Common
6	+ Vout Output +
7	

\* Note: the product design and specification are subject to change without notice.