

Typical Performance

FEATURES

- Fixed Input, isolation, unregulated output,dual output,1W
- Isolation voltage: 6000VDC
- SIP package
- Efficiency :up to 80%
- Working temperature -40℃~+85℃
- MTBF≥35x10⁵Hrs
- Industry standard pinout
- No heat sink required
- Medical application compliance
- In line with RoHS codes
- Line regulation (for Vin change of ±1%): ±1.2%(max)
- Load regulation (10%-100% load) :15%(max)
- Ripple and noise (20MHz Band width) 150mVp-p(typ)
- Temperature drift(100% full load):±0.03%/℃(max)
- Switching Frequency(100% Full load,nominal input(5V):250Khz(typ),12V:50Khz
- Storage Temperature:-55℃~+125℃
- Isolation Resistance:1000MΩ/1min
- Isolation capacitance:10pF(max)
- Cooling:Free aire convection



3-Years Product Warranty

Product Program

Part #	Input voltage range	Nominal output voltage / output current						Efficiency (%, typ)
		VO1			VO2			
		Voltage (VDC)	Min (mA)	Max (mA)	Voltage (VDC)	Min (mA)	Max (mA)	
G0505S-1W	5V (4.5~5.5VDC)	±5		±100				70
G0509S-1W		±9		±56				72
G0512S-1W		±12		±42				73
G0515S-1W		±15		±33				75
G1205S-1W	12 V (10.8~13.2VDC)	±5		±100				70
G1209S-1W		±9		±56				71
G1212S-1W		±12		±42				72
G1215S-1W		±15		±33				75
G1505S-1W	15V(13.5~16.5VDC)	±5		±100				70
G1515S-1W	24V (21.6~26.4VDC)	±15		±33				70
G2405S-1W		±5		±100				71

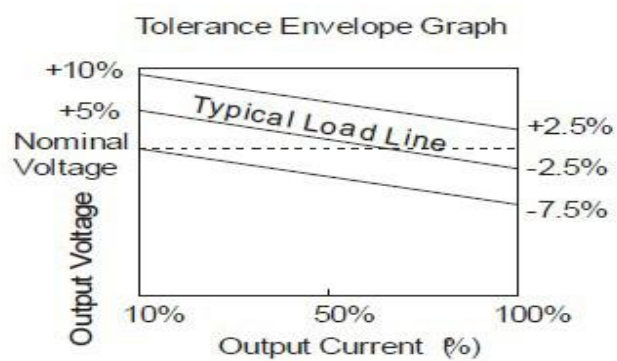
G2409S-1W		±9		±56				71
G2412S-1W		±12		±42				72

- Shows the nominal value of input voltage,due to space limitations ,the above list is only for some products,If other than a list of products, please contact the Company's sales department.

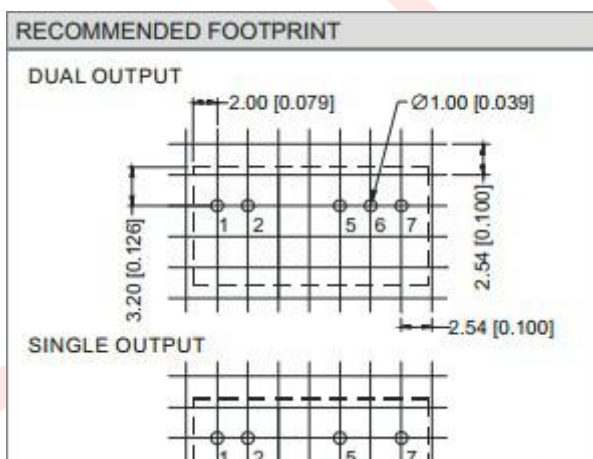
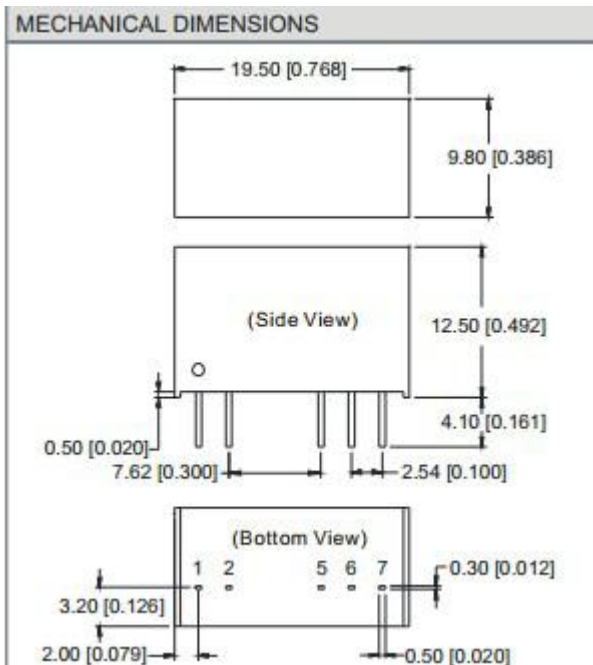
Mechanical Data

Packing Code	L x W x H : mm	Packing No.
G_S-1W	19.6*9.5*12	

Typical Temperature Curve



Mechanical Dimension



Pin Assignment

PIN	1	2	4	5	6					
Dual output	Vin	GND	-Vo	0V	+Vo					

*Note: The power modules such as the definition of the pin does not match with the hand book, please refer to the actual item.