

Typical Performance

FEATURES

- Fixed Input, isolation, unregulated output, single output, 2W
- 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):45Khz(typ), 12V:50Khz
- Storage Temperature:-55℃~+125℃
- Isolation Resistance:1000MΩ/1min
- Isolation capacitance:10pF(max)
- Cooling:Free air 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)	
H0505S-2W	5V（4.5~5.5VDC）	5		400				74
H0509S-2W		9		222				77
H0512S-2W		12		167				77
H0515S-2W		15		133				77
H1205S-2W	12 V（10.8~13.2VDC）	5		400				75
H1209S-2W		9		222				78
H1212S-2W		12		167				80
H1215S-2W		15		133				78
H2403S-2W	24V（21.6~26.4VDC）	3.3		606				70

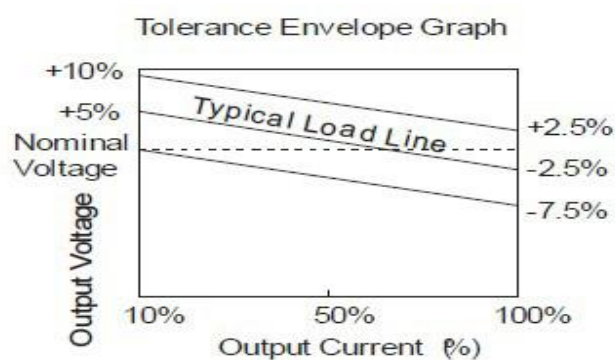
H2405S-2W		5		400				75
H2409S-2W		9		222				77
H2412S-2W		12		167				80
H2415S-2W		15		133				79

- 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.

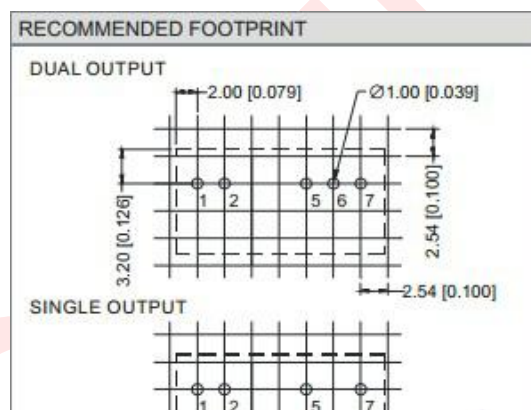
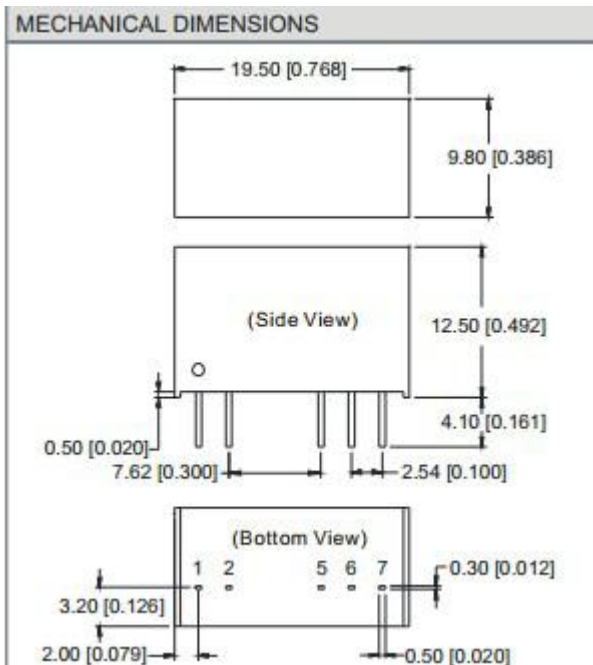
Mechanical Data

Packing Code	L x W x H : mm	Packing No.
H_S-2W	19.6*9.5*12	

Typical Temperature Curve



Mechanical Dimension



Pin Assignment

PIN	1	2	4	5	6					
Single output	Vin	GND	0V	No Pin	+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.