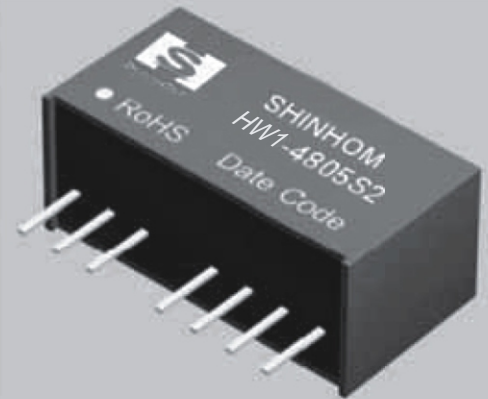


HW1-Series

- Products 100% aging
- Includes filter capacitor
- Low ripple, noise
- Wide voltage 2: 1 input
- Can be customized according to user needs
- Net Weight: 4.5g
- I / O isolation voltage 1.5KV or 3.0KV
- In line with the ROHS Directive



Selection Guide

Refers to the nominal value at normal temperature 25 °C, nominal input voltage, rated output current

Model	Input voltage (Vdc)	Output voltage (Vdc)	Efficiency (%) Typ.	No-load current (mA) Typ	Full load current (mA) Typ	Ripple (mV) Max	Output current (mA) Max	Load Rate of change (%) Max
Single-row (column) single-output 1W Series								
HW1-1205S2	9~18	5.0	76	4	219	50	400	± 0.5
HW1-1212S2		12.0	80	4	209	100	167	± 0.5
HW1-1215S2		15.0	80	4	209	120	134	± 0.5
HW1-2405S2	18~36	5.0	78	4	107	50	400	± 0.5
HW1-2409S2		9.0	80	4	104	80	222	± 0.5
HW1-2412S2		12.0	80	4	104	100	167	± 0.5
HW1-2415S2		15.0	80	4	105	120	134	± 0.5
HW1-4805S2	36~75	5.0	75	4	56	50	400	± 0.5
HW1-4809S2		9.0	77	4	54	80	222	± 0.5
HW1-4812S2		12.0	78	4	54	100	167	± 0.5
HW1-4815S2		15.0	78	4	54	120	134	± 0.5

Notes: Load adjustment rate of output current from no load to full load change in the difference

Professional

Quality

Good Faith



Input / Output Electrical Specifications

Is the typical room temperature 25 °C. Nominal input voltage. Rated output current measured. Except where noted

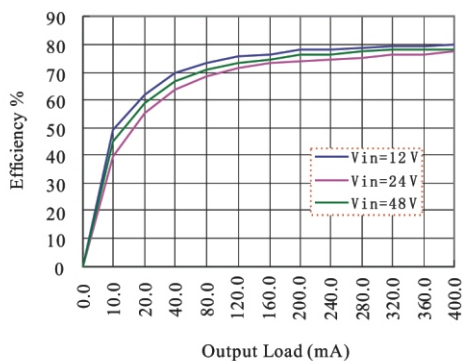
Parameters	Conditions	Min	Median	Max	Units
Input Voltage Range	12V Input Series	4.5	5	9	Vdc
	12V Input Series	9	12	18	
	24V Input Series	18	24	36	
	48V Input Series	36	48	75	
Linear stability of the rate of	Load output	---	---	±0.5	%
The stability of the rate of load	Single-output	---	---	±0.5	
Switching frequency	Basic input	---	150	---	KHz
Temperature drift coefficient		---	±0.01	±0.02	% / °C
Isolation impedance	500 Vdc	1000	---	---	MΩ

Input / Output Electrical Specifications

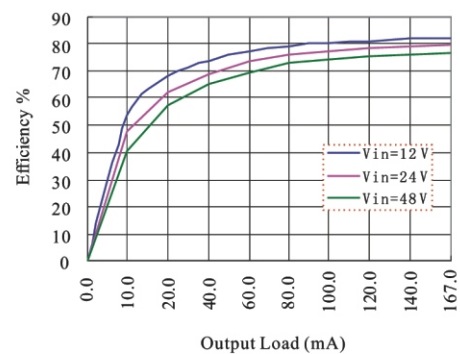
Operating temperature	-25°C~ +71°C	---
Storage temperature	-55°C~ +105°C	---
High Humidity	90 % Max	---
Thermal Methods	Natural heat dissipation	---
Shell Material	Flame-retardant heat-resistant material	---

Efficiency and output load curves

Vout = 5 Vdc



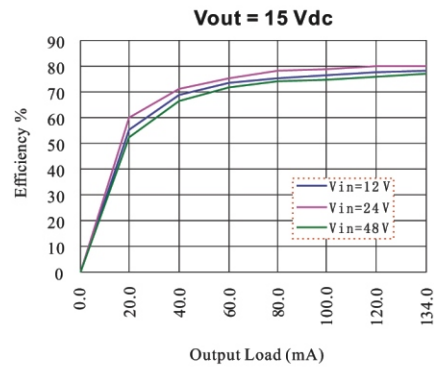
Vout = 12 Vdc



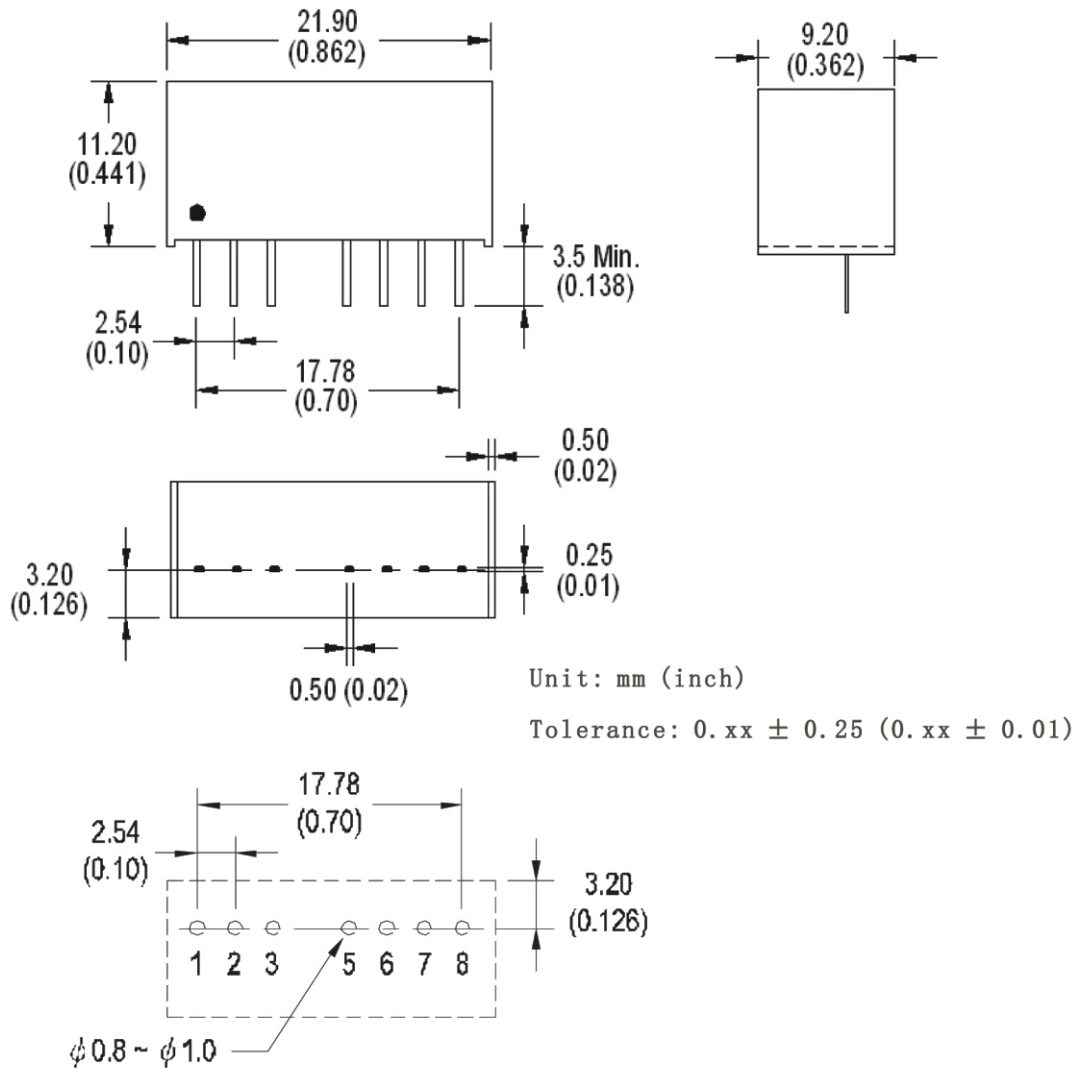
Professional

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Package Dimensions



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