



### Approval Marks



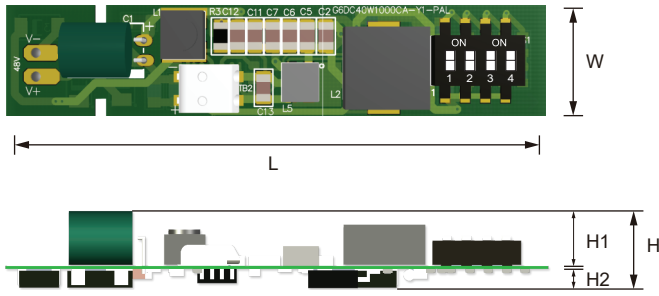
	Item	Value	Remark
Input	DC voltage input	48V	
	Nominal frequency	0 HZ	
	DC voltage range	47-50V	
	Nominal current	820mA	Full load @48Vdc input voltage
	Efficiency	92%	Full load @48Vdc input voltage
	Stand-by power	N/A	
	Output	Nominal voltage range	3-40Vdc
Maximum voltage		48Vdc	No load protection
Nominal current range		150-900mA	Refer to Dip-switch setting
Current accuracy			
I <sub>out</sub> =150mA~200mA		± 8%	
I <sub>out</sub> =250mA~900mA		± 5%	
Current ripple		± 5%	
SVM		≤ 0.4	Full load @48Vdc input voltage
P <sub>stLM</sub>		≤ 1	Full load @48Vdc input voltage
Starting time		< 0.5S	Full load @48Vdc input voltage
Nominal power range			
I <sub>out</sub> =150mA		0.4-6.0W	
I <sub>out</sub> =200mA		0.6-8.0W	
I <sub>out</sub> =250mA		0.7-10.0W	
I <sub>out</sub> =300mA		0.9-12.0W	
I <sub>out</sub> =350mA		1.0-14.0W	
I <sub>out</sub> =400mA		1.2-16.0W	
I <sub>out</sub> =450mA		1.3-18.0W	
I <sub>out</sub> =500mA		1.5-20.0W	
I <sub>out</sub> =550mA		1.6-22.0W	
I <sub>out</sub> =600mA	1.8-24.0W		
I <sub>out</sub> =650mA	1.9-26.0W		
I <sub>out</sub> =700mA	2.1-28.0W		
I <sub>out</sub> =750mA	2.2-30.0W		
I <sub>out</sub> =800mA	2.4-32.0W		

	Item	Value	Remark
<b>Output</b>	I <sub>out</sub> =850mA	2.5-34.0W	
	I <sub>out</sub> =900mA	2.7-36.0W	
	Maximum power	36.0W	
<b>Dimming</b>	Dimming control	NA	
	Dimming technique	NA	
	Dimming range	NA	
	Lowest dimming current	NA	
	Galvanic isolation	NA	
<b>Environment</b>	Ambient temperature ( t <sub>a</sub> )	-20°C - +35°C	
	Storage temperature range	-20°C - +85°C	
	Relative humidity	10 - 95%	
	Environmental rating	Indoor	
	Mains switching cycles	> 100,000	
	Expected lifetime	> 50,000 h, t <sub>c</sub> 85°C @ t <sub>a</sub> +35 °C > 100,000 h, t <sub>c</sub> 75°C @ t <sub>a</sub> +25 °C	0.2% / 1,000h failure rate 0.1% / 1,000h failure rate
<b>Packing</b>	Gross weight/box	8.3 kg	
	Net weight/box	4.6 kg	
	Pcs/box	576 PCS	
	Dimension/box	385(L)*310(W)*260(H)mm	
<b>Protections</b>			
	Short-circuit Protection	Auto recovery	
	Open-circuit Protection	Auto recovery	
	Overload Protection	Auto recovery	
<b>Conformity &amp; Standards</b>			
	Safety standard:	EN 61347-1, EN 61347-2-13, EN 62493	
	Performance:	EN 62384	
	EMC standard:	EN 55015, EN 61547	
<b>Cable information</b>			
<b>OUTPUT-Connection</b>			
	Cable cross-section	0.14-0.34□/AWG 26-22	
	Stripping	5mm	

\*Subject to change without notice, HEP guarantees all products perform functionally well\*

\* If not mentioned, all the test conditions are based on full load at 48Vdc input (for 48Vdc input).

**Physical  
Parameter**



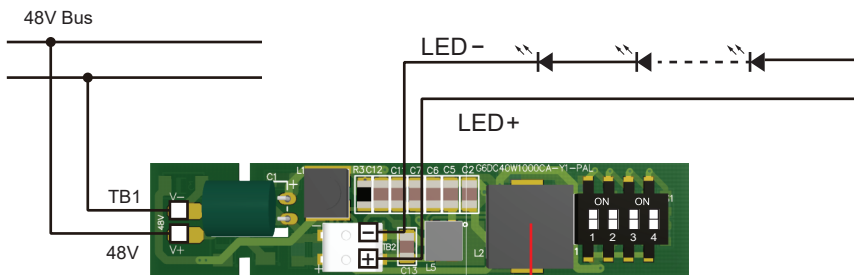
L : 68 mm W : 14 mm  
 H : 9.6 mm H1: 6.3 mm H2: 2.3 mm  
 The max height of the component is 10 mm.

**Dip Switch - One driver offers 16 choosable output current**

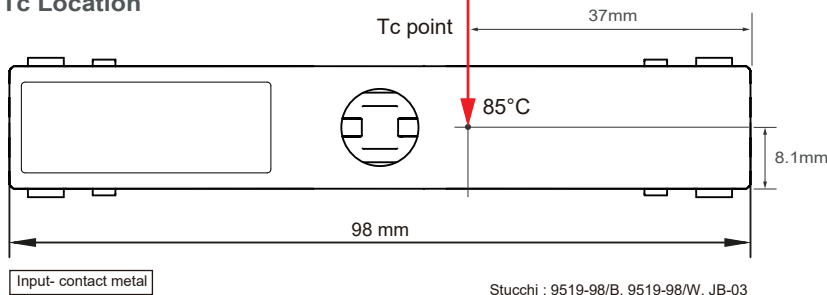


Current	Dip-switch setting			
	1	2	3	4
150 mA	-	-	-	-
200 mA	ON	-	-	-
250 mA	-	ON	-	-
300 mA	ON	ON	-	-
350 mA	-	-	ON	-
400 mA	ON	-	ON	-
450 mA	-	ON	ON	-
500 mA	ON	ON	ON	-
550 mA	-	-	-	ON
600 mA	ON	-	-	ON
650 mA	-	ON	-	ON
700 mA	ON	ON	-	ON
750 mA	-	-	ON	ON
800 mA	ON	-	ON	ON
850 mA	-	ON	ON	ON
900 mA	ON	ON	ON	ON

**Wiring Diagram**



**Case Tc Location**



\* This driver is only suitable for non-magnetic cases. There will be noise when using magnetic cases.