

# CXA-L10L

## Non-dimming/On-board Type

### ■ Features

- 1 and 2 outputs
  - UL60950 approved
  - Applicable panel size\*: 3 to 8 inches
  - Select of quantity for output and output current are possible by connection method.
- (Notice) Applicable panel size becomes a standard.

### ■ Applications



## CXA-L10L Specifications (Please refer to each specification before use)

### Electrical Characteristics

#### CONNECTION A

Item	Unit	Symbol	Specification			Condition			Remark
			min	typ	max	Vin(V)	Ta(°C)	RL(kΩ)	
Output Current	mA	Iout	9	10	11	12±0.12	23±5	30	
			8	10	12	12±0.6	-10 to +60	23 to 27	
Input Current	A	Iin	-	0.32	0.48	12±0.6	-10 to +60	23 to 27	
Frequency	kHz	Freq	25	30	35	12±0.6	-10 to +60	23 to 27	
Open Circuit Voltage	Vrms	Vopen	800	900	-	12±0.6	-10 to +60	∞	Open load

#### CONNECTION B

Item	Unit	Symbol	Specification			Condition			Remark
			min	typ	max	Vin(V)	Ta(°C)	RL(kΩ)	
Output Current	mA	Iout	5.3	6.0	6.7	12±0.12	23±5	50	
			4.7	6.0	7.3	12±0.6	-10 to +60	38 to 62	
Input Current	A	Iin	-	0.2	0.3	12±0.6	-10 to +60	38 to 62	
Frequency	kHz	Freq	30	35	40	12±0.6	-10 to +60	38 to 62	
Open Circuit Voltage	Vrms	Vopen	800	900	-	12±0.6	-10 to +60	∞	Open load

#### CONNECTION C

Item	Unit	Symbol	Specification			Condition			Remark
			min	typ	max	Vin(V)	Ta(°C)	RL(kΩ)	
Output Current	mA	Iout	4.5	5.0	5.6	12±0.12	23±5	60	
			4.0	5.0	6.1	12±0.6	-10 to +60	45 to 75	
Input Current	A	Iin	-	0.18	0.27	12±0.6	-10 to +60	45 to 75	
Frequency	kHz	Freq	25	30	35	12±0.6	-10 to +60	45 to 75	
Open Circuit Voltage	Vrms	Vopen	800	900	-	12±0.6	-10 to +60	∞	Open load

#### CONNECTION D

Item	Unit	Symbol	Specification			Condition			Remark
			min	typ	max	Vin(V)	Ta(°C)	RL(kΩ)	
Output Current	mA	Iout	4.5	5.0	5.5	12±0.12	23±5	60	
			4.0	5.0	6.0	12±0.6	-10 to +60	45 to 75	
Input Current	A	Iin	-	0.32	0.48	12±0.6	-10 to +60	45 to 75	
Frequency	kHz	Freq	25	30	35	12±0.6	-10 to +60	45 to 75	
Open Circuit Voltage	Vrms	Vopen	800	900	-	12±0.6	-10 to +60	∞	Open load

### Other Specifications

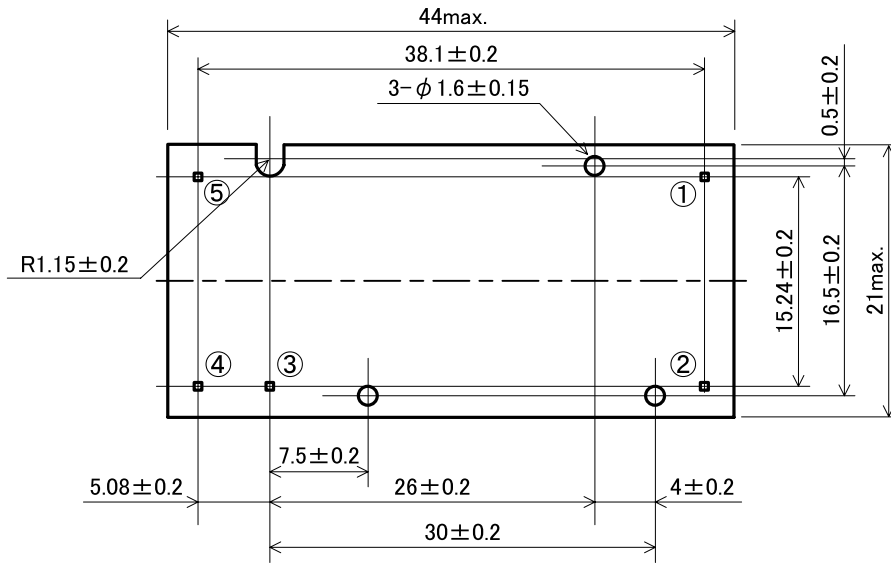
Dimming Function		No
Operating Temperature	°C	-10 to +60
Storage Temperature	°C	-20 to +85
Operating Humidity Ratio	RH%	95Max
Safety Standard		UL60950
Weight	g	11.4
Dimensions(WxDxH)	mm	44x21x15 (*1)
Fused Input		No
Remote ON / OFF		No
Alarm Signal Function		No
Shutdown Function		No
Silicone Coating on High Voltage Area		No

(\*1) These dimensions are indicated the maximum. Length of input-output terminal pin is not included.

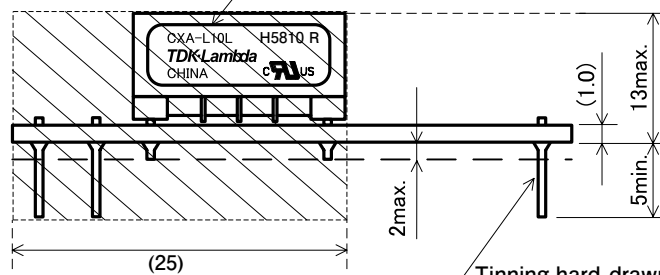
### ■ Conformity to RoHs Directive

This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.

# Outline Drawing



Example of label marking  
 Product name, Lot No., Country of origin,  
 TDK-Lambda logotype, UL standard marking



**High-voltage generator ※**  
 (The entire surface within a range of 25mm away from the end of the basein)  
 ※From high-voltage generator, please secure space distance more than 2mm in top and bottom right and left.

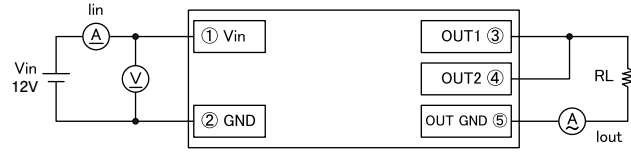
unit:mm

### Terminal Numbers And Functions

Terminal number	Symbol	Rated voltage
①	Vin	12V
②	GND	0V
③	OUT1	300Vrms
④	OUT2	300Vrms
⑤	OUT GND	0V

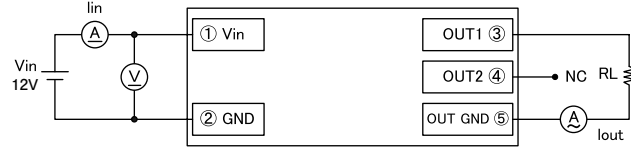
# Connections

CONNECTION A



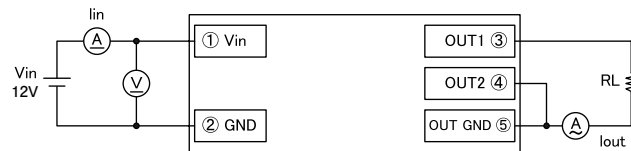
Shunting in OUT1 and OUT2

CONNECTION B



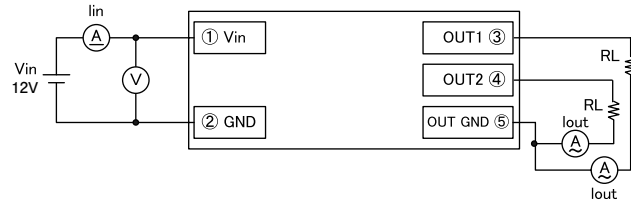
Open OUT1 or OUT2

CONNECTION C



Shunting in OUT2 and OUT - GND

CONNECTION D



RL : Load resistance (7W minimum)