



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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CXA-P20L-L

Non-dimming/On-board Type

■ Features

- 1 and 2 outputs
- Applicable panel size*: 3 to 8 inches
- Select of quantity for output and output current is possible by connection method.

(Notice) Applicable panel size becomes a standard.

■ Applications



CXA-P20L-L 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	mArms	Iout	18	20	22	12±0.12	23±5	15	
			16	20	24	12±0.6	-10 to +60	11.2 to 18.8	
Input Current	A	Iin	-	0.63	0.95	12±0.6	-10 to +60	11.2 to 18.8	
Frequency	kHz	Freq	25	28	33	12±0.6	-10 to +60	11.2 to 18.8	
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	mArms	Iout	10	12	13	12±0.12	23±5	25	
			9	12	14	12±0.6	-10 to +60	19 to 31	
Input Current	A	Iin	-	0.42	0.64	12±0.6	-10 to +60	19 to 31	
Frequency	kHz	Freq	27	32	37	12±0.6	-10 to +60	19 to 31	
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	mArms	Iout	9	10	11	12±0.12	23±5	30	
			8	10	12	12±0.6	-10 to +60	22.5 to 37.5	
Input Current	A	Iin	-	0.63	0.95	12±0.6	-10 to +60	22.5 to 37.5	
Frequency	kHz	Freq	23	28	33	12±0.6	-10 to +60	22.5 to 37.5	
Open Circuit Voltage	Vrms	Vopen	800	900	-	12±0.6	-10 to +60	∞	Open load

Other Specifications

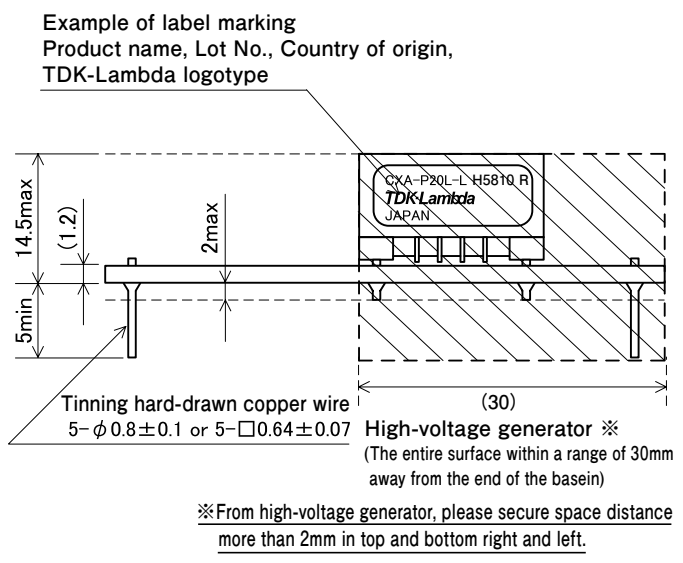
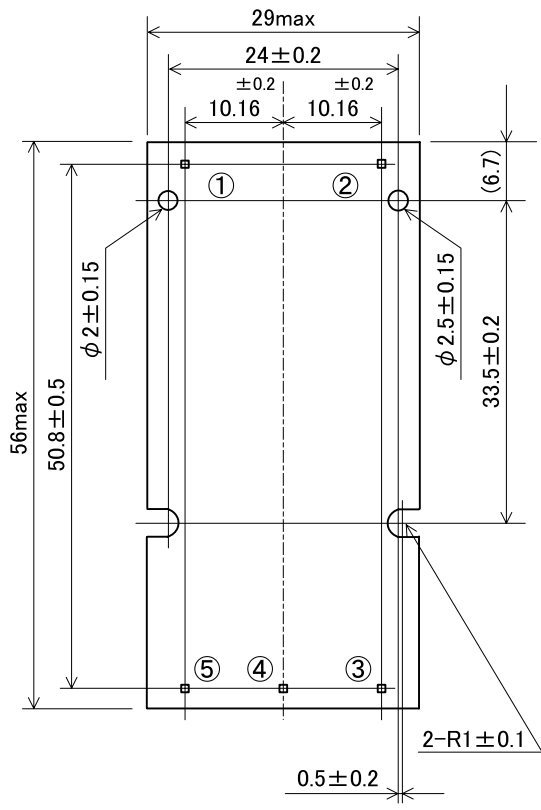
Dimming Function		No
Operating Temperature	°C	-10 to +60
Storage Temperature	°C	-20 to +85
Operating Humidity Ratio	RH%	95Max
Safety Standard		-
Weight	g	20.8
Dimensions(WxDxH)	mm	56x29x16.5 (*1)
Fused Input		No
Remote ON / OFF		No
Alarm Signal Function		No
Shutdown Function		No
Silicone Coating on High 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



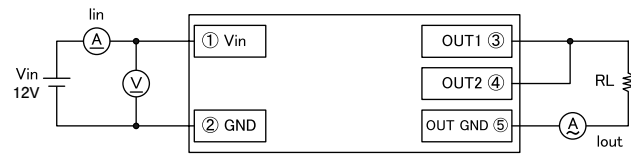
unit:mm

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

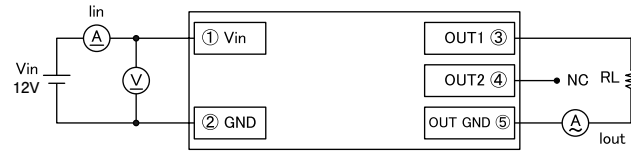
Connections

CONNECTION A



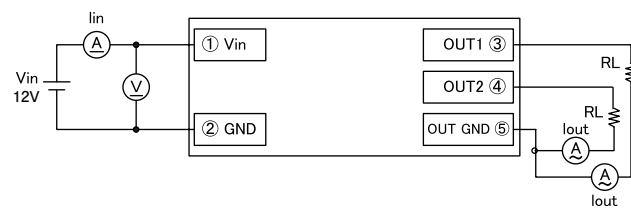
Shunting in OUT1 and OUT2

CONNECTION B



Open OUT1 or OUT2

CONNECTION C



RL : Load resistance (7W minimum)