

CXA-L0624-VJL

Dimming/Connector Type

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Features

- 1 output
- Applicable panel size*: 3 to 15 inches
- With brightness control function (A current system).
- In the high-voltage generator(a terminal and a pattern),
an anti-dust measure by silicone application is taken.
(Notice) Applicable panel size becomes a standard.

Applications



CXA-L0624-VJL Specifications (Please refer to each specification before use)

Electrical Characteristics

Item	Unit	Symbol	Specification			Condition					Remark
			min	typ	max	Vin(V)	Vrmt(V)	Vbr(V)	Ta(°C)	RL(kΩ)	
Output Current	mAmps	Iout (Maximum dimmer)	5.4	6.0	6.6	24±4	5	0	0 to +60	90 to 110	(*1)
		Iout (Minimum dimmer)	2.7	3.0	3.3	24±4	5	3	23±5	226	(*1)
Input Current	A	Iin	-	0.20	0.25	24	5	0	0 to +60	90 to 110	
Frequency	kHz	Freq	35	45	55	24±4	5	0	0 to +60	90 to 110	
Open Circuit Voltage	Vrms	Vopen	1400	1500	-	24±4	5	0 to 3	0 to +60	∞	Open load

(*1) Please refer to the connection diagram for details of a dimming method.

Other Specifications

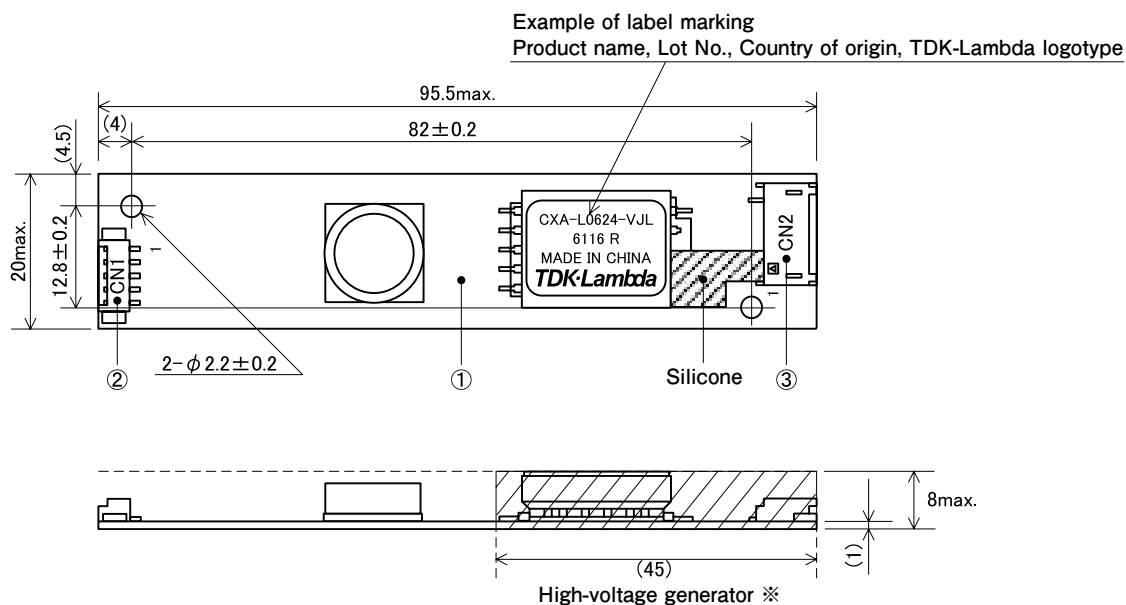
Dimming Function		Yes
Operating Temperature	°C	0 to +60
Storage Temperature	°C	-30 to +85
Operating Humidity Ratio	RH%	95Max
Safety Standard		—
Weight	g	14
Dimensions(WxDxH)	mm	95.5x20x8 (*2)
Fused Input		Yes
Remote ON / OFF		Yes
Alarm Signal Function		No
Shutdown Function		No
Silicone Coating on High Voltage Area		Yes

(*2) These dimensions are indicated the maximum.

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



High-voltage generator ※

(The entire surface within a range of 45mm away from the end of the basein)

※From high-voltage generator, please secure space distance more than 3mm in top and bottom right and left.

unit:mm

Connector

Connector number	Part number	Model	Quantity	Remarks	Recommended applicable connector
①	Printed circuit board PCB	Composite (CEM-3)	1	UL94V-0 t=1.0	—
②	Input connector CN1	53261-0571	1	Molex Inc.	51021-0500
③	Output connector CN2	SM02 (8.0) B-BHS-1-TB (LF) (SN)	1	JST Mfg. Co., Ltd.	BHR-03VS-1

Terminal Numbers And Functions

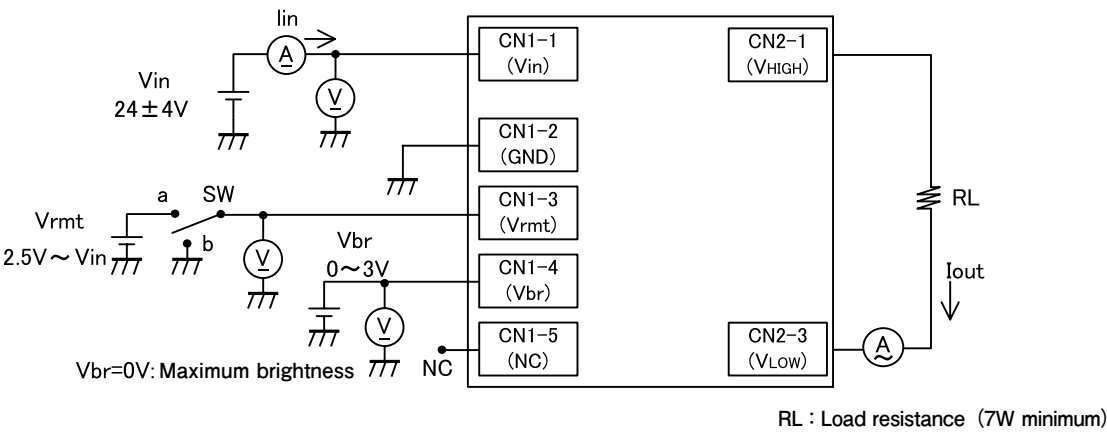
Input side CN1

Terminal number	Symbol	Rated voltage	Remarks
CN1-1	V _{in}	24±4V	Power input
CN1-2	GND	0V	Ground
CN1-3	V _{rmt}	2.5V to V _{in} / 0 to 0.5V	Remote terminal 0 to 0.4V : OFF 2.5V to V _{in} : ON
CN1-4	V _{br}	0 to 3V	Dimmer terminal
CN1-5	N.C.	—	Because it uses for internal circuit, please be not connected.

Output side CN2

Terminal number	Symbol	Rated voltage
CN2-1	V _{HIGH}	600Vrms
CN2-2	N.C.	—
CN2-3	V _{LOW}	(2V)

Connections



Operate as follows by switching a SW.

SW	Unit operation
a	Operation
b	Operation stopped