**CXA-L0612 SERIES (4.0W SINGLE OUTPUT WITH DIMMING FUNCTION)****(STANDARD)****DESCRIPTION :**

This DC to AC Inverter was developed for notebook computer and many other low LCD Backlight power supply as low profile applications, either for Note Book PC or Industrial.

Applicable LCD; 10 to 12 inches single lamp type

Lamp Voltage 600V

Lamp Current 6mA

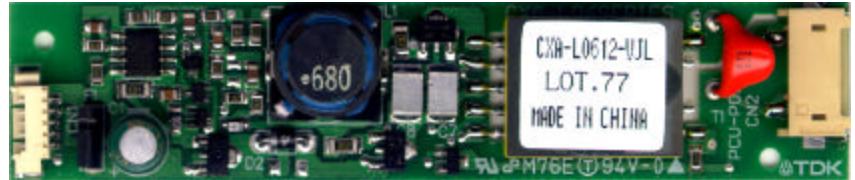
FEATURES :

Current Feedback Circuit

High Efficiency

Low noise with voltage resonant circuit

Regulated output current

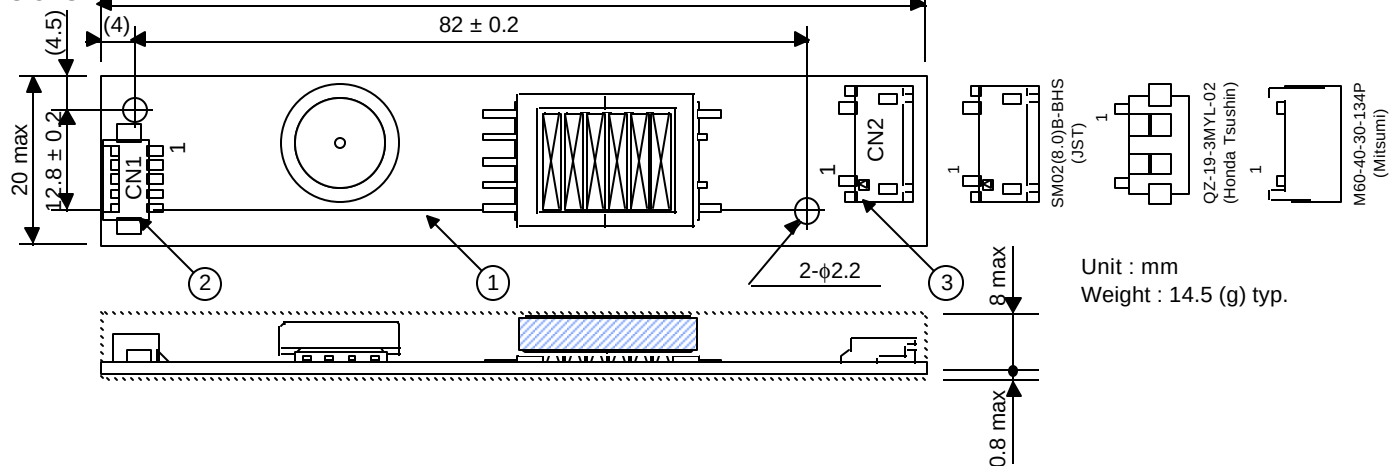
**TEMPERATURE & HUMIDITY :**

Operating Temperature Range 0 °C ~ +50 °C

Storage Temperature Range -30 °C ~ +85 °C

Humidity 95 %RH max

95.5 max

DIMENSIONS :

Unit : mm
Weight : 14.5 (g) typ.

No.	Part Description	Qty.	Note	Item
1	PWB	1	UL94V-0 t=1mm	
2	Connector CN1	1	53261-0510 (Molex)	
3	Connector CN2	1	SM02(8.0)B-BHS (JST)	CXA-L0612-VJR, CXA-L0612-VJL
			QZ-19-3MYL-02 (Honda)	CXA-L0612-VHR, CXA-L0612-VHL
			M60-40-30-134P (Mitsumi)	CXA-L0612-VMR, CXA-L0612-VML

CN1 : 53261-0510 (Molex)

Pin	Symbol	Note
CN1-1	Vin	8 ~ 16 Vdc
CN1-2	GND	0 Vdc
CN1-3	Vrmt	0 / 5~15 Vdc (H active)
CN1-4	Vbr	0 ~3 Vdc
CN1-5	N.C.	

CXA-L0612-VJR

CN2 : SM02(8.0)B-BHS (JST)

Pin	Symbol	Note
CN2-1	lout-ret	(2V)
CN2-2	N.C.	
CN2-3	lout	2~6mArms

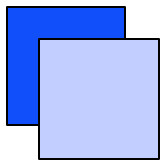
CXA-L0612-VJL

CN2 : SM02(8.0)B-BHS (JST)

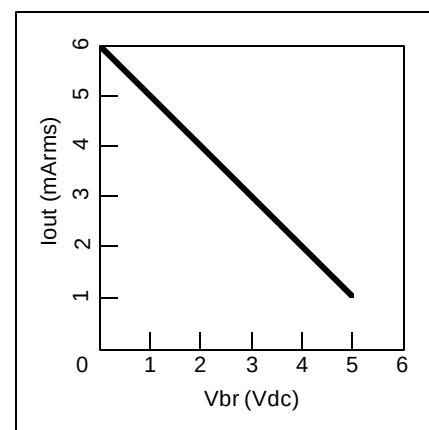
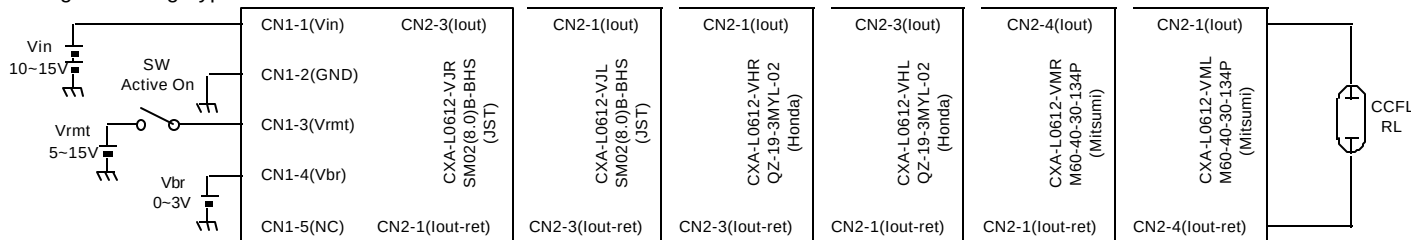
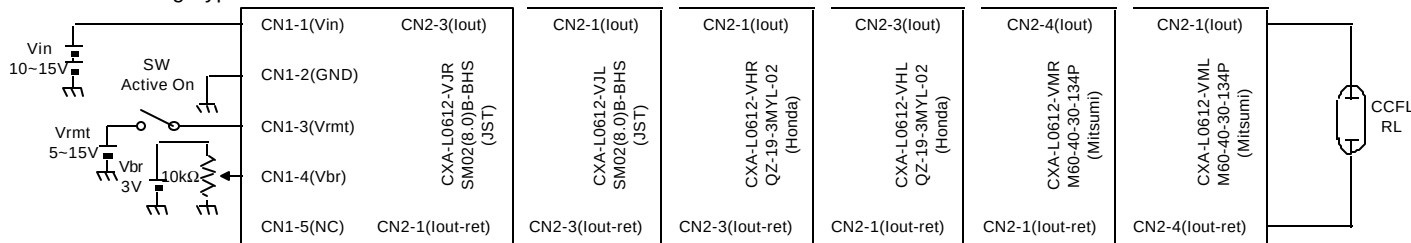
Pin	Symbol	Note
CN2-1	lout	2~6mArms
CN2-2	N.C.	
CN2-3	lout-ret	(2V)

General Information Tel : (03) 5201-7229 (Japan)
Tel : (847) 390-4454 (USA)
Technical Information Tel : (473) 78-9664 (Japan)
Tel : (847) 699-2299 (USA)

All specification are subject to change without notice.

**ELECTRICAL CHARACTERISTICS :**

Parameter	Symbol	Conditions			Specifications			Unit	Note
		Vin (V)	Vbr (V)	Ta (°C)	RL (kΩ)	min.	typ.	max.	
Output Current	Iout	10 ~ 15	0	0 ~ 50	90 ~ 110	5.4	6.0	6.6	mArms
		12		23 ± 5	100	5.4	6.0	6.6	
			3		226	2.7	3.0	3.3	
Input Current	Iin					-	0.4	0.73	Adc
Frequency	FL	10 ~ 15	0 ~ 3	0 ~ 50	90 ~ 110	35	45	55	kHz
Open Voltage	Vopen				∞	1300	1500	-	Vrms

**APPLICATION (for example)****Voltage Dimming Type****Resistor Dimming Type****None Dimming Type**