

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

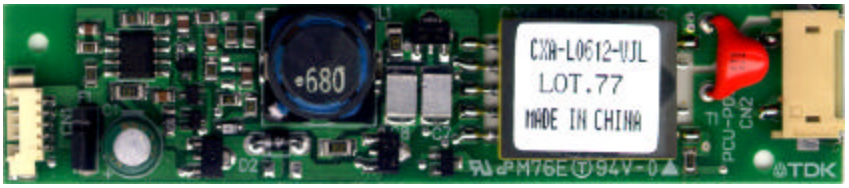
DC-AC INVERTER UNIT

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



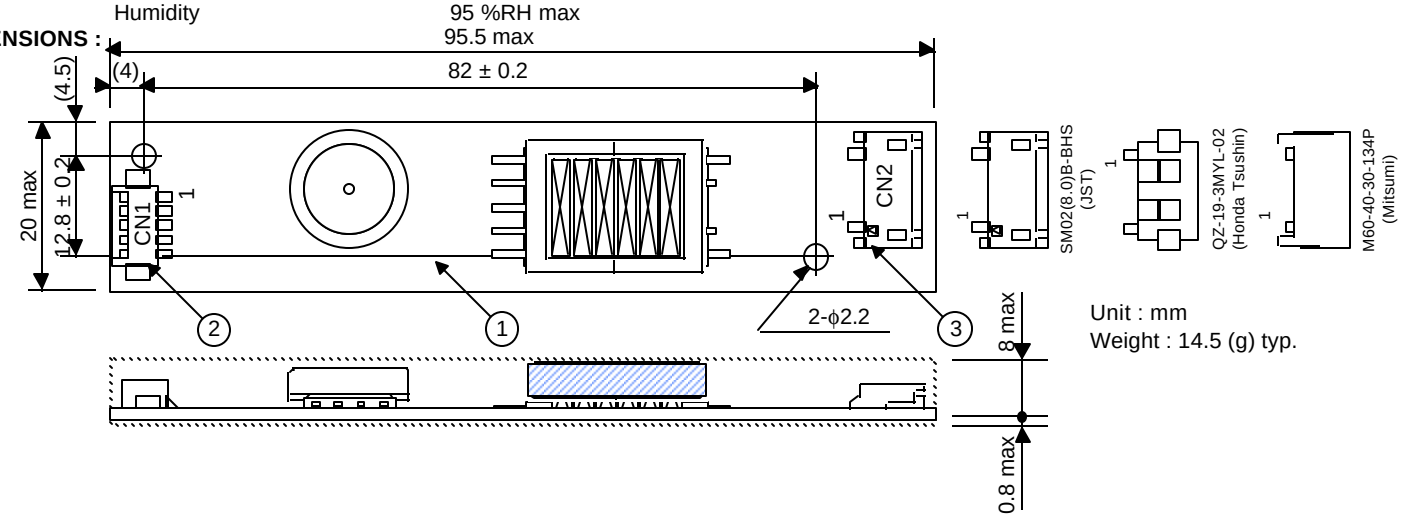
FEATURES :

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

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	Iout-ret	(2V)
CN2-2	N.C.	
CN2-3	Iout	2~6mArms

CXA-L0612-VJL
CN2 : SM02(8.0)B-BHS (JST)

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

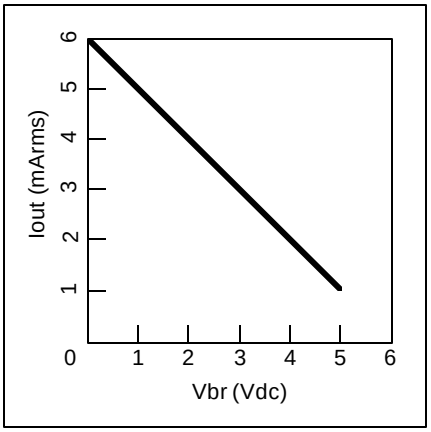
General Information Tel : (03) 5201-7229 (Japan)
Tel : (847) 390-4454 (USA)
Technical Information Tel : (473) 78-9664 (Japan)
Tel : (847) 699-2299 (USA)

All specification are subject to change without notice.

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

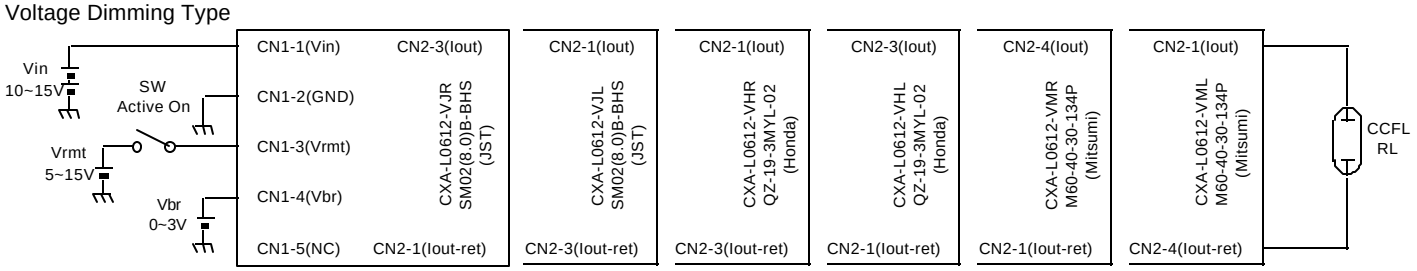
ELECTRICAL CHARACTERISTICS :

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

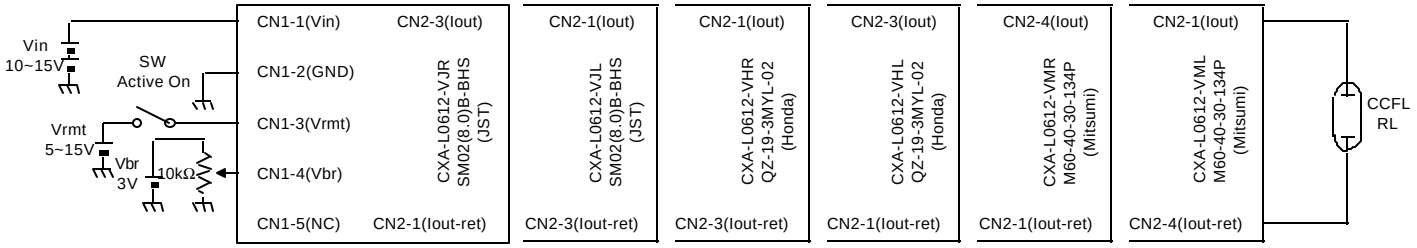


APPLICATION (for example)

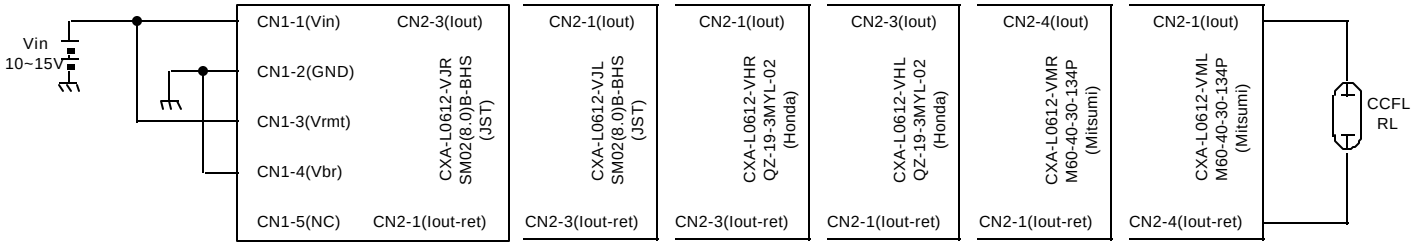
Voltage Dimming Type



Resistor Dimming Type



None Dimming Type



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.

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP