

DC-AC INVERTER UNIT

CXA-M1212-RJL(CXA-0214)(5.0W DUAL OUTPUTS WITH DIMMING FUNCTION)

(PRELIMINARY INFORMATION)

DESCRIPTION :

This DC to AC Inverter was developed for large size LCD panel as Multiple Media , Replacement of CRT Monitor and other general Purpose.

Applicable LCD ;Double lamps type
Lamp Voltage 360V
Lamp Current 6mA



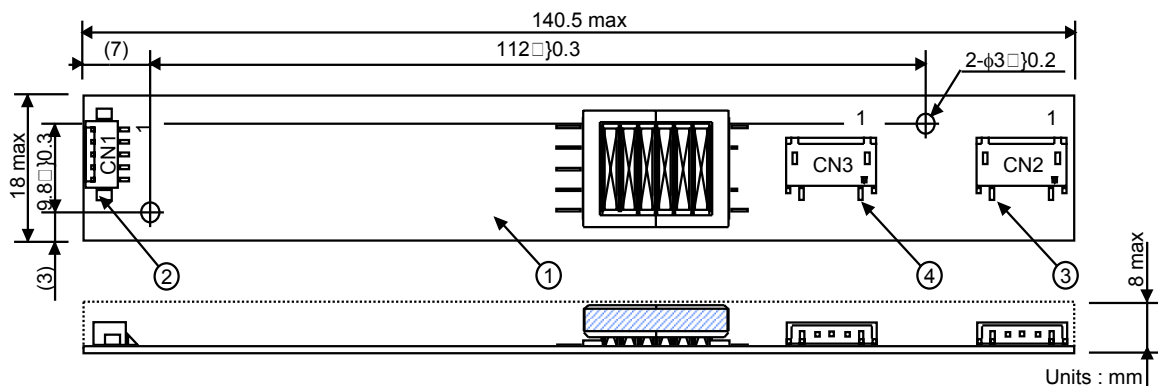
FEATURES :

- Current Feedback Circuit
- High Efficiency
- Low noise with voltage resonant circuit
- Regulated output current
- 9mm Low Profile.

TEMPERATURE & HUMIDITY :

- Operating Temperature Range 0 °C ~ +60°C
- Storage Temperature Range -30 °C ~ +85°C
- Humidity 95 %RH max

DIMENSIONS :



No.	Part Discription	Qty.	Note
1	PWB	1	UL94V-0 (FR-4 or CEM-3) t=1mm
2	Connector CN1	1	53261-0510 (Molex) Input Connector
3	Connector CN2	1	SM02(8.0)B-BHS -1 (JST) Output Connector
4	Connector CN3	1	SM02(8.0)B-BHS -1 (JST) Output Connector

Pin	Symbol	Note
CN1-1	Vin	9.6 ~ 14.4 Vdc
CN1-2	GND	0 Vdc
CN1-3	Vrmt	0 / 5 Vdc (Hi active)
CN1-4	VR	50 kΩ

Pin	Symbol	Note
CN2-1	lout1	6 mArms (360Vrms)
CN2-2	N.C.	
CN2-3	lout-ret	(2V)

Pin	Symbol	Note
CN3-1	lout2	6 mArms (360Vrms)
CN3-2	N.C.	
CN3-3	lout-ret	(2V)

Power Systems – The Power Solution

Web: www.Power-Systems.de
Email: Info@Power-Systems.de

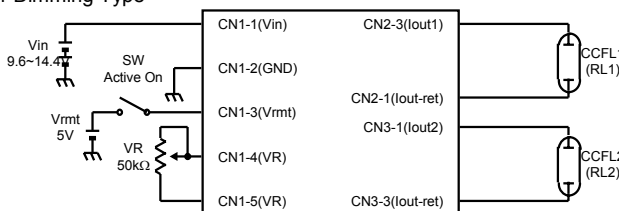
Address: Dörnet 8 ; 74360 Ilsfeld-Auenstein / Germany
Tel. : + 49 / 70 62 / 67 59 - 6
Fax: + 49 / 70 62 / 67 59 - 80

ELECTRICAL CHARACTERISTICS :

Parameters	Symbol	Conditions				Specifications			Unit	Note
		Vin (V)	VR (kΩ)	Ta (°C)	RL1.2 (kΩ)	min.	typ.	max.		
Output Current	lout1 lout2	9.6 ~ 14.4	50	0 ~ 60	50 ~ 70	5.3	6.0	6.7	mA _{rms}	Max. Brightness
	lout1 lout2	12 □ } 0.2				23 □ } 5	60 □ } 0.5	5.5		
	lout1 lout2	0		180 □ } 0.5	1.7	2.0	2.3	Min. Brightness		
	lout1 lout2									
Input Current	lin				50 ~ 70	-	0.47	0.75	Adc	
Frequency	FL	9.6 ~ 14.4	0 ~ 50	0 ~ 60		33	39	45	kHz	
Open Voltage	Vopen				∞	1400	1500	-	V _{rms}	

APPLICATION (for example)

Resistor Dimming Type



None Dimming Type

