

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



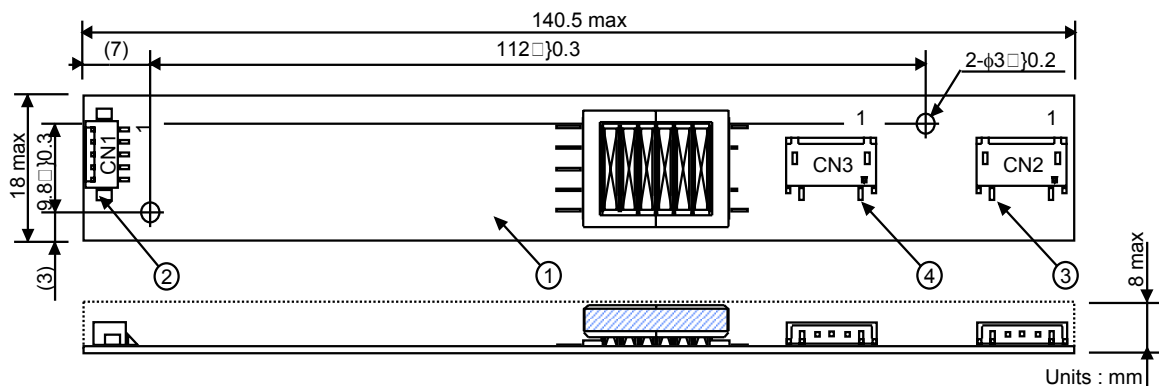
FEATURES :

- 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

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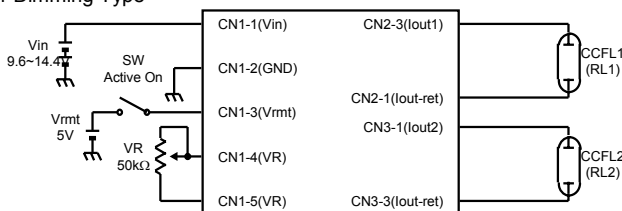
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ELECTRICAL CHARACTERISTICS :

Parameters	Symbol	Conditions				Specifications			Unit	Note
		Vin (V)	VR (kΩ)	Ta (°C)	RL1.2 (kΩ)	min.	typ.	max.		
Output Current	lout1	9.6 ~ 14.4	50	0 ~ 60	50 ~ 70	5.3	6.0	6.7	mA _{rms}	Max. Brightness
	lout2									
	lout1	12 ± 0.2	23 ± 5		60 ± 0.5	5.5	6.0	6.5		
	lout2									
Input Current	lin					-	0.47	0.75	Adc	
	Frequency	FL	9.6 ~ 14.4	0 ~ 50	0 ~ 60	50 ~ 70	33	39	45	kHz
Open Voltage	Vopen					∞	1400	1500	-	V _{rms}

APPLICATION (for example)

Resistor Dimming Type



None Dimming Type

