

1.特性 (General)

The DC To AC inverter is designed as a low noise high frequency high efficiency and as a low profile and light weight switching power supply.

2.功能 (Feature)

Applicable TO Dual Tube

Constant current output

Possesses open load protection

No load –output auto stop

Meet TCO 99

3.適用LCD (Application)

LCD尺寸	Lcm Model	Brand	Remark

4.絕對最大定格 (Operating Conditions)

Item	Symbol	Conditions	MIN	MAX	Unit	Remark
Input Voltage	Vin		10	-	V	
Operating Temperature	Top	Ha=90%RH	0	65	°C	
Storage Temperature	Tstg	Ha=95%RH	-10	80	°C	
Operating Humidity	Hop	Ta=0~55 °C	20	90	%RH	
Storage Humidity	Hstg	Ta=20~80 °C	-	95	%RH	

5.電氣規格 (Operating Characteristics)

Item	Symbol	Conditions	MIN.	TYP.	MAX.	Unit	Remark
Input Voltage	Vin	GND=0V	10.8	12	13.2	V	
Input Current (Low Brightness)	IinL	Vin=TYP. ±1% ON VR=MIN (Iout=MIN)	140	165	210	mA	
Input Current (High Brightness)	IinH	Vin=TYP. ±1% ON VR=MAX (Iout=MAX)	430	490	570	mA	
Lamp Current (Low Brightness)	IoutL	Vin=TYP. ±1% ON VR=MIN (Iout=MIN)	1.4	2.0	2.7	mA rms	
Lamp Current (High Brightness)	IoutH	Vin=TYP. ±1% ON VR=MAX (Iout=MAX)	5.5	6.0	6.5	mA rms	
Working Frequency			35	40	45	KHZ	
Dimming		Tube Current	>2:1	-	-	-	
Brightness Control		Connection of Voltage	5	-	0	V	
Output Voltage		CCFT Current = mA	-	-	-	V	

6.連接插座 (Connector Socket)

6-1. (P1) Input Connector

PIN No	Symbol	Description
1	Vin	DC+12V
2	Vin	DC+12V
3	GND	Ground
4	GND	Ground
5	Control	ON/OFF control ON=+5V OFF=0V
6	Brightness	Digital Brightness Control
7	GND	Ground

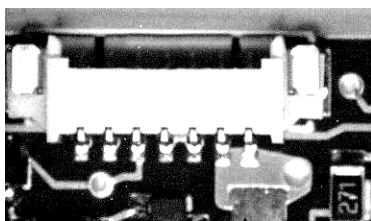
6-2 (P2&P3) Output Connector

PIN No	Symbol	Description
1	Output	Lamp High Voltage
2	Output	Lamp Low Voltage

6-3 Connector Model No & Brand

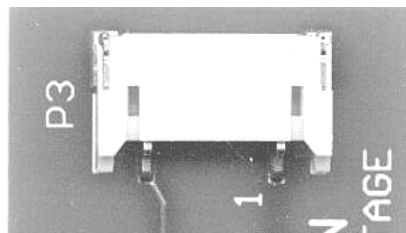
Connector No.	Connector Parts No	Brand
P1	GL5326107	GL,MOLEX
P2	SM02	GL,JST
P3	SM02	GL,JST

T



GL5326107

(Pin1)



SM02

(pin1)

7. MECHANICAL CHARACTERISTICS

Dimension: 175mm * 25mm * 12mm

Weight: MAX. 24g

