

PS-M12D06 (dual Output 5 Watt)



DESCRIPTION :

This DC/AC Inverter is developed as an alternative Backlight Inverter to Endicot ERG.

The Inverter has PCB mounting pins.

During the Power-Fail-Mode the CCFL inverter can't be switched on.

Applicable LCD :

Displays:	NEC NL6448AC20-18
Starting Voltage:	min. 900 Vrms
Lamp Current:	typ. 2x5 mAmps (per lamp)

FEATURES :

Efficiency	min. 73%
PCB mounting:	Pin diameter 1,62 mm
Low noise:	With voltage resonant circuit
Wide Input Voltage:	7...14 VDC, must be regulated
Robust construction:	Heavy components are protected

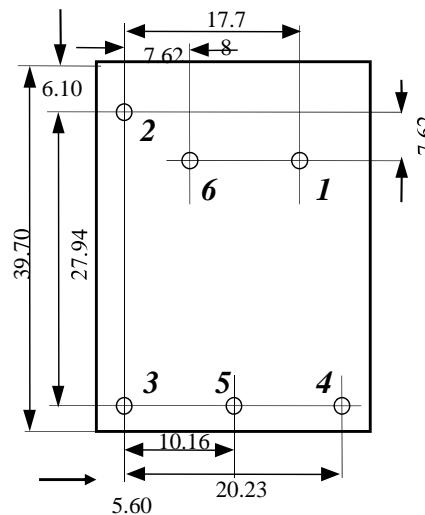
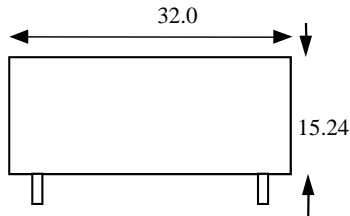
TEMPERATURE & HUMDITY :

Operating Temperature Range	0° C... + 70° C
Storage Temperature Range	-40° C... + 85° C
Humidity	95 %RH max

Note: * This inverter is usable for this display but the output current is not correct. The life time for the CCFL lamp is shorter.

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Dimensions:



Bottom View

PCB mounting pins 0.64 square
All dimensions in mm

Pinning:

Pin Designation Table	
Pin Number	Function
1	Input Positive
2	Input Negative
3	Output Common
4	Output 1
5	Output 2
6	NC

Ratings:

Rating	Minimum	Typical	Maximum	Units
Operating Temperature Range	0	25	70	Deg.
Storage Temperature range	-40	25	85	Deg.
Input Voltage Range	7	12	14	VDC
Input Current		500		mA DC
Operating Frequency	27	32	37	kHz
Lamp Starting Voltage at 0C		1500		Vrms
Lamp Voltage		700		Vrms
Efficiency		81		%
Output Current (each lamp)	4	5	6	mArms
Dimming Duty Cycle	10:1		1:1	Ratio
Duty Cycle Input Voltage Range	-	-	-	VDC
Duty Cycle Frequency	-	-	-	Hz