

VC-361205

Voltage converter for LCD monitor with 9~36V input



Features

- Suitable for LCD monitor with 9~36Vdc input
- DC 9-36V input
- 12V **5A** max. Output (3A recommended)
- High efficiency
- 24V pass-through to LCD panel if input is 24Vdc
- Multiple input and output connectors
- Surge and EFT protected



Specifications

Input connector #1	DC jack (2.5D)	DC input / Ground
Input connector #2 (Power-din)	Pin #1, #2	DC input
	Pin #3, #4	Ground
Input connector #3 (JST VH)	Pin #1, #2	DC input
	Pin #3, #4	Ground
Input	Input voltage	9 ~ 36Vdc
	Input current	5A @24Vdc
Output characteristics*	Output voltage	24Vdc (pass through)
	Output voltage	12+/-0.6Vdc, 5A max.
	9-12V efficiency	85%@3A, 89%@2A
	15-36V efficiency	92%@3A, 93%@2A
	Max. ripple	120 mVpp
Temperature	Operation	-20 ~ 70 degree C
	Storage	-30 ~ 80 degree C

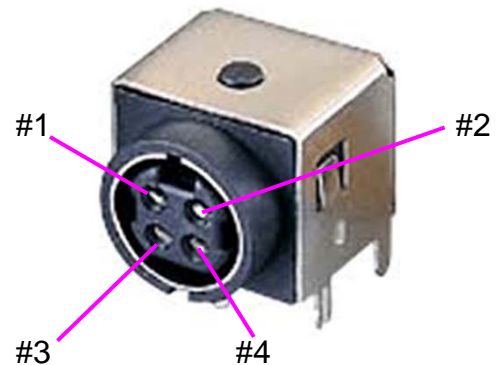
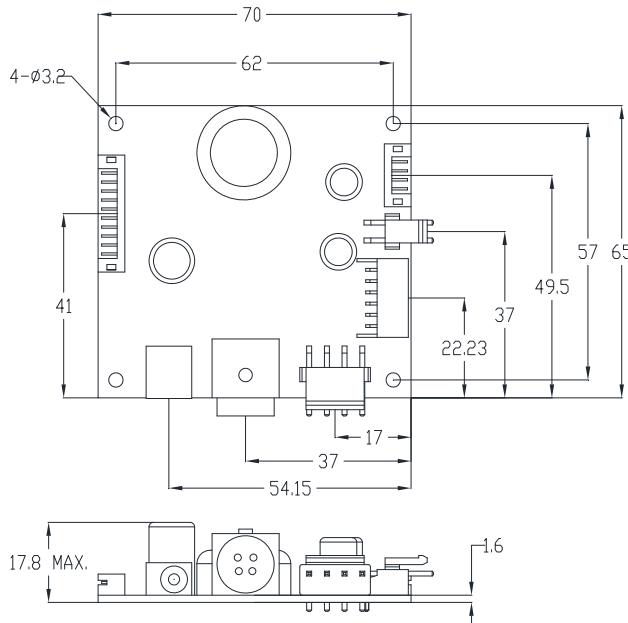
Output connector #1 CN4 (JST-PH)	Pin #1	PWM control
	Pin #2	Backlight enable
	Pin #3 - #7	Ground
Output connector #2 CN5 (JST-PH)	Pin #8 - #12	DC 24V (if IP is 24V)
	Pin #1, #2	DC 12V
	Pin #3 (input)	Backlight enable
Output connector #3 CN6 (JST-XH)	Pin #4 (input)	PWM control
	Pin #5, #6	Ground
	Pin #1, #2, #3	DC 12V
Output connector #4 CN7 (JST-VH)	Pin #4, #5, #6	Ground
	Pin #1	DC 12V
Surge & EFT	Pin #2	Ground
	Protected	
Dimension	70 (L) x 65 (W) x 16 (H) mm	

* Suggest to limit 12V 2.5A o/pt when the i/p is 9~12V due to less efficiency.

Ordering information

- Accessory :
 - 1). Wire connected to SDT scaler board
 - 2). Wire connected to LCD panel (* Please identify LCD panel part number)
- Selected options :
 - 1). 24V power adapter, 2.5A, 3A, 4A

Product drawing



* All specification and photos are subject to change without notice.