

■ Applications

- 1) Lighting for high brightness power LED
- 2) Lighting ,sign ,etc

■ Suitable LED

- |              |            |
|--------------|------------|
| 3W Power LED | 700mA*3pcs |
| 5W Power LED | 700mA*3pcs |

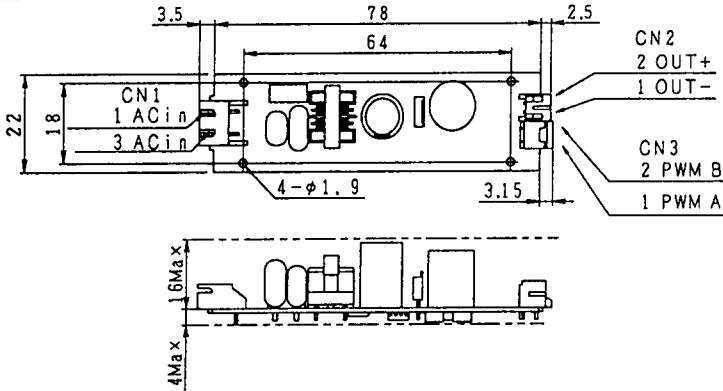
■ Features

- 1) AC100V direct input
- 2) High efficiency design
- 3) PWM dimming capability

■ Maximum rating and Environment conditions

Item	Symbol	Rating	Unit
AC Input Voltage	Vin	85 ~ 130	Vrms
Input Power	Pin	0 ~ 15	W
Operating Temperature	Ta	0 ~ 60	°C
Relative Humidity	RH	5 ~ 95	%

■ Shapes and Dimensions (Unit:mm)



■ Terminal numbers and functions

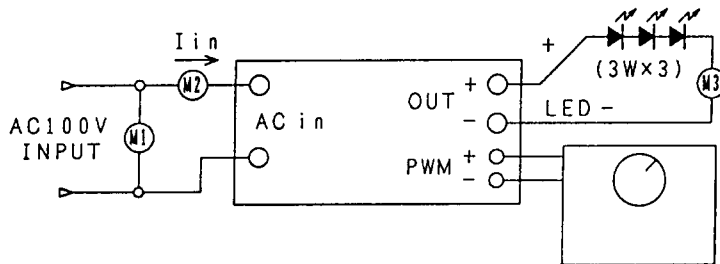
No.	Symbol	Description
CN1	ACin	AC100V
	ACin	AC100V
CN2	OUT+	LED(+)
	OUT-	LED(-)
CN3	PWM+	PWM Signal(+)
	PWM-	PWM Signal(-)

■ Electrical Characteristics

Conditions : Ta = 25°C, LED load = LX2-PWC4(Lumileds)\*3

Item	Symbol	MIN	TYP	MAX	Unit	Remark
Input Voltage	Vin	90	100	125	VAC	
Input Current	Iin	—	140	—	mA	
Output Voltage	Vs	—	10	—	V	
Output Current	IL	660	700	740	mA	
Oscillation Frequency	f	—	46	—	KHz	
Dimming Range		—	10:1	—		NQ21595K/Panasonic

■ Test Circuit



■ Warning

High voltage will be generated on the board. Do not touch when operated.

	METRIC
	THIRD ANGLE PROJECTION

DIMENSIONS ARE IN MILLIMETERS  
TOLERANCE UNLESS OTHERWISE SPECIFIED  
1 PL +/- 0.2  
2 PL +/- 0.20  
ANGLE +/-

**JKL** COMPONENTS CORPORATION

TITLE  
AC-DC LED DRIVER MODULE

DRAWN BY L. WENGSTROM  
APPVD BY L.W.  
DATE 1/6/09

SIZE **A**  
FSCM NO. **55335**

DRAWING NO. PL-0812-08

- CAD DRAWING -  
MANUAL REVISIONS NOT PERMITTED

SCALE  
NONE

RELEASED DATE 1/6/09

REVISION DATE

REV. NO. SHEET 1 OF 1

REV. NO.	DESCRIPTION/ECO NUMBER	APPVD DATE
RELEASED		1/6/09