

5.4 Back Light Unit lcdparts.net | store.lcdparts.net

LED Bar input connector : Molex 104086-0410(4-pin connector) or equivalent

Pin No.	Pin description	Description
1	Vcc	LED power input
2	RTN1	Channel 1 LED return
3	RTN2	Channel 2 LED return
4	RTN3	Channel 3 LED return

Note) Pin number starts from Left side

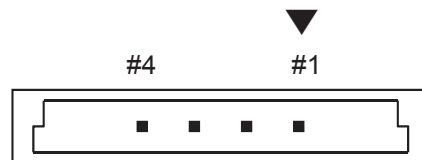
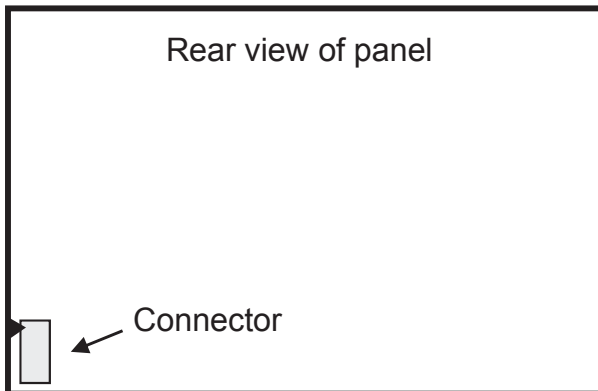


Fig. Connector diagram

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3.2 Back Light Unit

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The back light unit is composed of WLED.

$T_a=25 \pm 2^\circ\text{C}$

Item	Symbol	Min.	Typ.	Max.	Unit	Note
LED Forward Current	I_F	-	(360)	-	mA	-
LED Array Voltage	V_P	-	(33)	(35)	V	-
Operating Life Time	Hr	30,000	-	-	Hour	(2)

Note (1) The above specification is not for the converter output, but for the LED bar.

The LED bar consists of 30 LED packages ; 3 parallel X 10 serial

(2) Life time(Hr) is defined as the time when brightness of a LED package itself becomes 50% or less than its original value at the condition of $T_a=25 \pm 2^\circ\text{C}$ and $I_F=360\text{mA}$.

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