

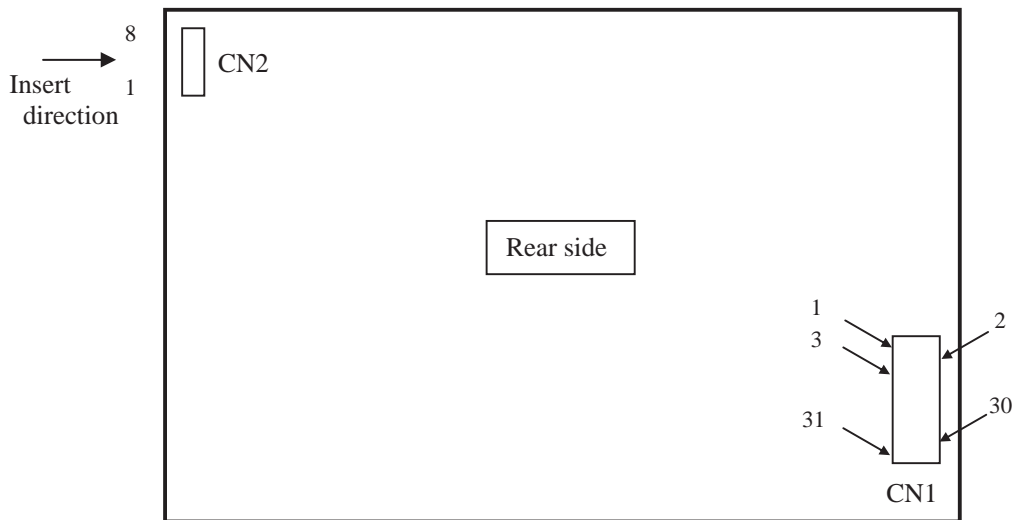
4.5.2 Backlight lamp

CN2 plug (LCD module side): SM08B-SRSS-TB (J.S.T. Mfg. Co., Ltd.)

Adaptable socket: SHR-08V-S (J.S.T. Mfg. Co., Ltd.)

Pin No.	Symbol	Signal	Remarks
1	A1	Anode1	-
2	K1	Cathode1	-
3	A2	Anode2	-
4	K2	Cathode2	-
5	A3	Anode3	-
6	K3	Cathode3	-
7	A4	Anode4	-
8	K4	Cathode4	-

4.5.3 Positions of plug and socket



4.3.2 Backlight lamp

(Ta= 25°C, Note1, Note2)

Parameter	Symbol	min.	typ.	max.	Unit	Remarks
Forward current	IL	-	25	27.5	mA	Note3
Forward Voltage	VL	-	29.7	34.2	V	at IL= 25 mA /One circuit

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Note1: Please drive with constant current .

Note2: The Luminance uniformity may be changed depending on the current variation between 4 circuits.
It is recommended that the current value difference between each circuit is less than 5%.

Note3: See "**4.2 ABSOLUTE MAXIMUM RATINGS**".

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4.3.3 Power supply voltage ripple

This product works, even if the ripple voltage levels are beyond the permissible values as following the table, but there might be noise on the display image.

Power supply voltage		Ripple voltage (Measure at input terminal of power supply)	Unit
VCC	3.3V	≤ 100	mVp-p
	5.0V	≤ 100	mVp-p

Note1: The permissible ripple voltage includes spike noise.

4.3.4 Fuse

Parameter	Fuse		Rating	Fusing current	Remarks
	Type	Supplier			
VCC	FCC16202AB	KAMAYA ELECTRIC CO., LTD.	2.0A	4.0A	Note1
			32V		

Note1: The power supply capacity should be more than the fusing current. If it is less than the fusing current, the fuse may not blow in a short time, and then nasty smell, smoke and so on may occur.