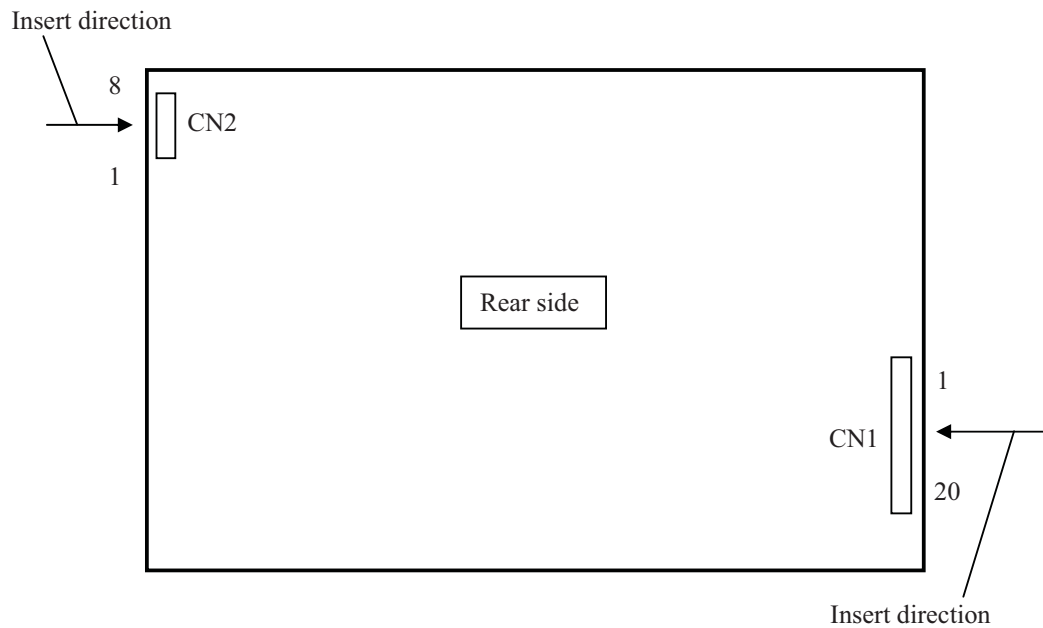


4.5.2 Backlight lamp

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 | N.C. | N.C. | Keep this pin Open. |
| 8 | N.C. | N.C. | Keep this pin Open. |

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 | - | 50.0 | 55.0 | mA | Note3 |
| Forward Voltage | VL | - | 16.5 | 26.6 | V | at IL=50 mA /One circuit |

Note1: Drive the backlight with constant current.

Note2: The Luminance uniformity may be changed depending on the current variation between 3 circuits.
It is recommended that the current value difference between each circuit be less than 5%.

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

4.3.3 Power supply voltage ripple

This product works even if the ripple voltage levels are beyond the permissible values as stated in the following 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 |

Note1: The permissible ripple voltage includes spike noise.

4.3.4 Fuse

| Parameter | Fuse | | Rating | Fusing current | Remarks |
|-----------|------|----------|--------|----------------|---------|
| | Type | Supplier | | | |
| VCC | TBD | TBD | TBD | TBD | Note1 |
| | | | TBD | | |

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