

### Part number list

SG12232Q□□□-□□-□□-□

### Feature

1. Bulit-in controller SED1520 or equivalent
2. Bulit-in oscillation
3. +5V single power supply
4. 6800 interface
5. FPC

### Pin Assignment

| Pin No. | Symbol          | Description                     |
|---------|-----------------|---------------------------------|
| 1       | V <sub>SS</sub> | Ground                          |
| 2       | V <sub>DD</sub> | Power supply for logic          |
| 3       | V <sub>O</sub>  | Contrast Adjustment             |
| 4       | A0              | Data/ Instruction select signal |
| 5       | R/W             | Read/Write select signal        |
| 6       | E1              | Chip select signal (IC1)        |
| 7       | E2              | Chip select signal (IC2)        |
| 8       | K               | Power supply for B/L (-)        |
| 9~16    | DB0~DB7         | Data bus line                   |

### Mechanical Data

| Item             | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 66.2 x 33.2    | mm   |
| Active Area      | 53.64 x 15.64  | mm   |
| Dot Pitch        | 0.44 x 0.49    | mm   |
| Dot Size         | 0.40 x 0.45    | mm   |

### Electrical Characteristics

| Item          | Symbol          | Standard Value | Unit |
|---------------|-----------------|----------------|------|
|               |                 | typ.           |      |
| Input Voltage | V <sub>DD</sub> | 5.0            | V    |

### Mechanical Drawing

