QINGYUE 清越

Passive OLED

# M0302X

Graphic 128x64dots

## *Part number list*

VGM128064J3□□□

## *Feature*

1.Diagnal 2.7 inch
2.Built-in driver SSD1322Z
3.Power supply : +2.5V & +12.0V
4.No voltage booster
5.Interface: 6800 / SPI
6.Temperature operating range: -40 ~70℃
7.Available color : Green / Yellow

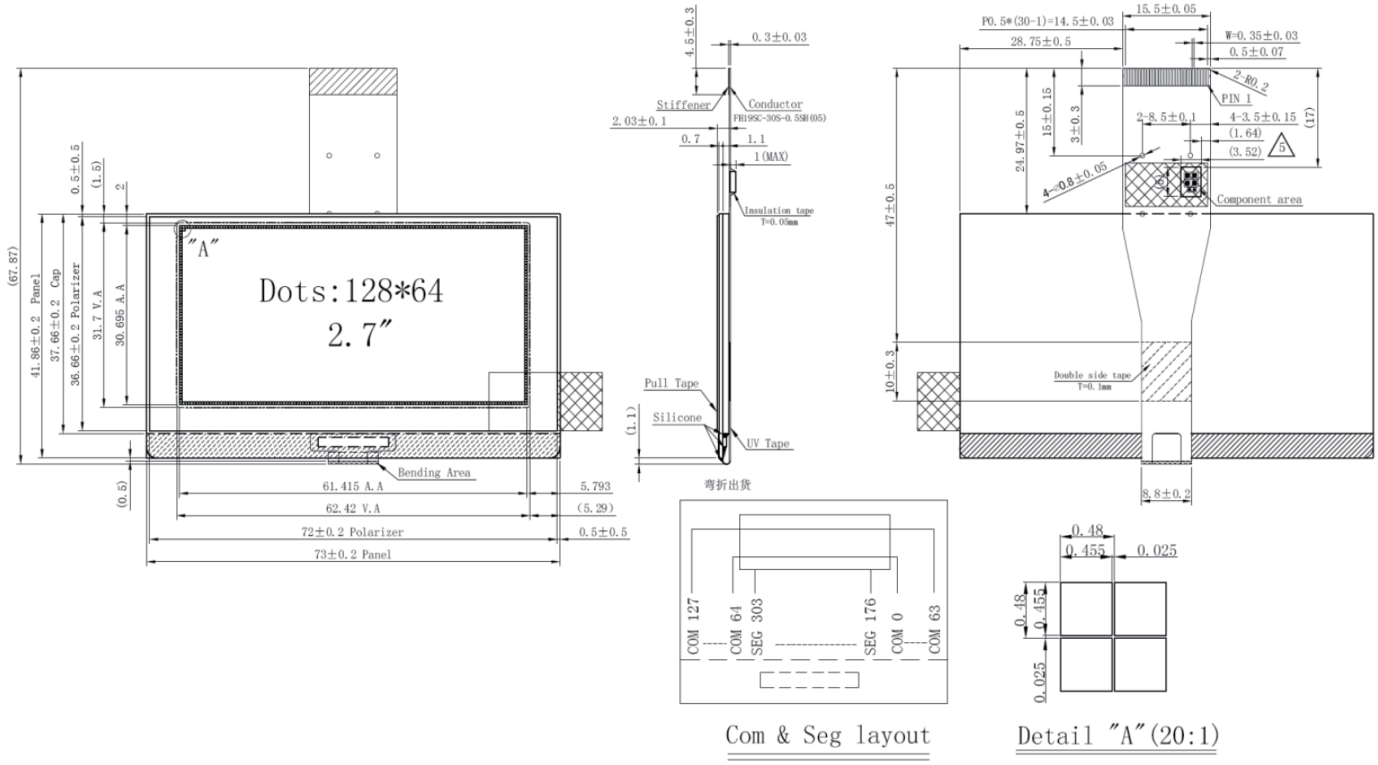
### Pin Assignment

| Pin No. | Symbol | Description |
|---|---|---|
| 1 | VSS | Ground |
| 2 | VCC | OLED driving voltage input |
| 3 | VCOMH | COM signal deselected voltage |
| 4 | IREF | Segment current refernce pin |
| 5~12 | D7~D0 | Data bus |
| 13 | E | Read/Write enable signal |
| 14 | R/W | Read/Write select signal |
| 15 | D/C | Data/Command select signal |
| 16 | RES | Reset signal |
| 17 | CS | Chip select signal |
| 18 | VCI | Low voltage power supply |
| 19 | BS1 | Interface selection pin |
| 20 | NC | No connection |
| 21 | VCI | Low voltage power supply |
| 22~26 | NC | No connection |
| 27 | VCI | Low voltage power supply |
| 28 | NC | No connection |
| 29 | VSS | Ground |
| 30 | VDD | Power supply for logic |

### Mechanical Data

| Item | Standard Value | Unit |
|---|---|---|
| Panel Dimension | 73.0 x 41.86 | mm |
| Active Area | 61.415 x 30.695 | mm |
| Dot Pitch | 0.48 x 0.48 | mm |
| Dot Size | 0.455 x 0.455 | mm |

### Electrical Characteristics

| Item | Symbol | Standard Value | Unit |
|---|---|---|---|
| | | typ. | |
| Logic Voltage | VDD | 2.5 | V |
| OLED driving Voltage | VCC | 12.0 | V |

### Mechanical Drawing