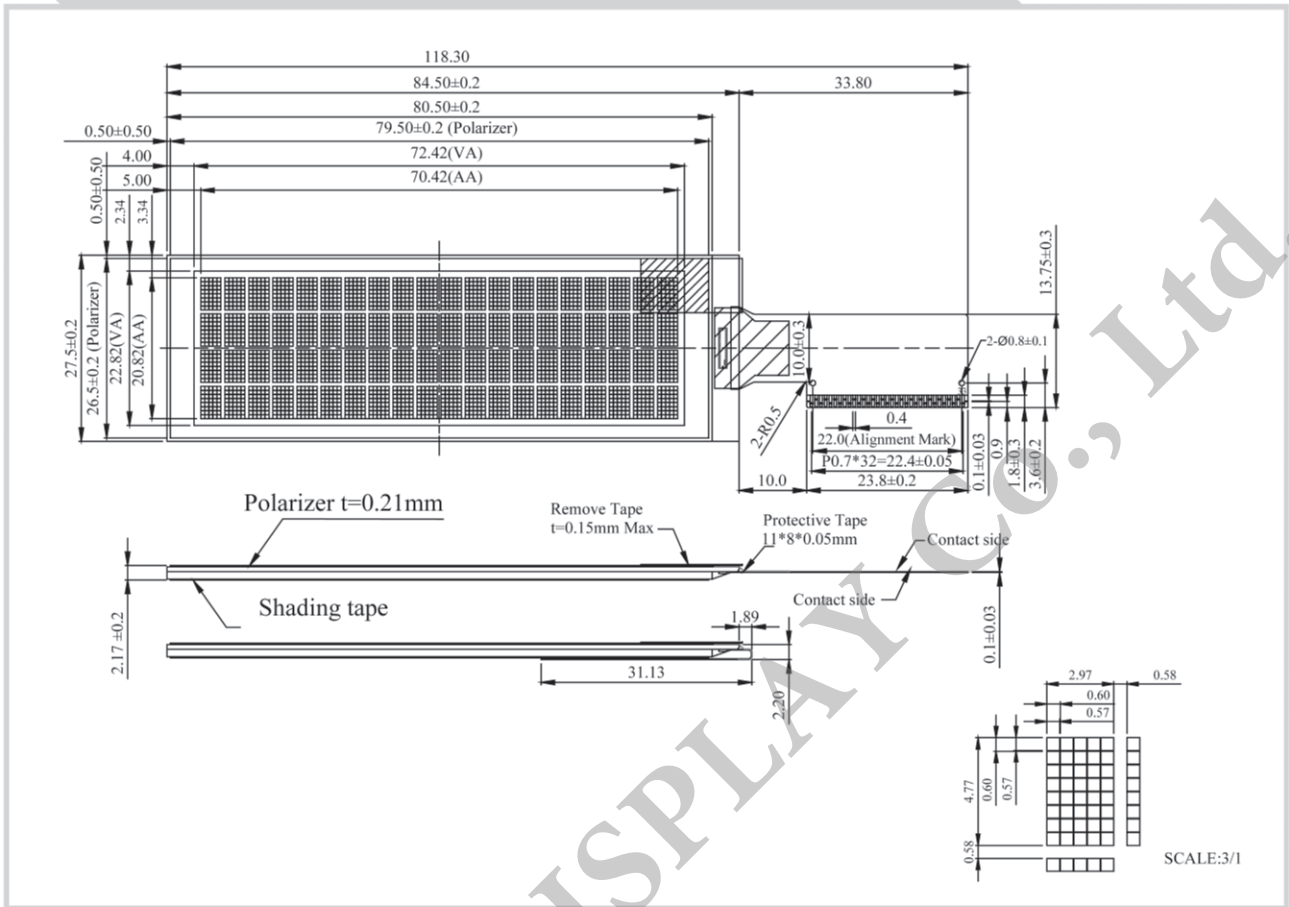


WEO002004C OLED Character 20x4



Feature

1. 20 characters x 4 Lines
2. Built-in controller SSD1311M1Z
3. 3V Power supply
4. 1/32 duty
5. Interface: 6800, 8080, SPI, I2C
6. Polarizer optional

| Pin No. | Symbol | Description |
|---------|--------|-----------------------------|
| 1,33 | NC | Not Connected |
| 2 | VSL | SEG voltage refer Pin |
| 3 | VSS | Ground Pin |
| 4 | REGVDD | Internal VDD regulator |
| 5 | SHLC | COM Scan Direction |
| 6 | SHLS | SEG Scan Direction |
| 7 | VDD | Voltage for logic |
| 8 | VDDIO | Voltage for interface logic |
| 9 | BS0 | Interface Selection |
| 10 | BS1 | Interface Selection |
| 11 | BS2 | Interface Selection |
| 12 | GPIO | GPIO pin |
| 13 | CS# | Chip Select Pin |
| 14 | RES# | Reset Signal Pin |
| 15 | D/C# | Data/Command Control Pin |
| 16 | R/W# | Read/Write Control |
| 17 | E(RD#) | Chip Enable Signal |
| 18~25 | D0~D7 | Data Bus |
| 26 | IREF | SEG Current Refer Pin |
| 27 | ROM0 | Character ROM selection |
| 28 | ROM1 | Character ROM selection |
| 29 | OPR0 | Character RAM selection |
| 30 | OPR1 | Character RAM selection |
| 31 | VCOMH | COM deselected level |
| 32 | VCC | Panel driving voltage |

Mechanical Data

| Item | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 84.5 x 27.5 | mm |
| Viewing Area | 72.42 x 22.82 | mm |
| Active Area | 70.42 x 20.82 | mm |
| Dot Pitch | 0.60 x 0.60 | mm |
| Dot Size | 0.57 x 0.57 | mm |

Electrical Characteristics

| Item | Symbol | Condition | Standard Value | | | Unit |
|---------------|--------|-----------|----------------|------|------|------|
| | | | min. | typ. | max. | |
| Input Voltage | VDD | --- | 2.8 | 3.0 | 3.3 | V |