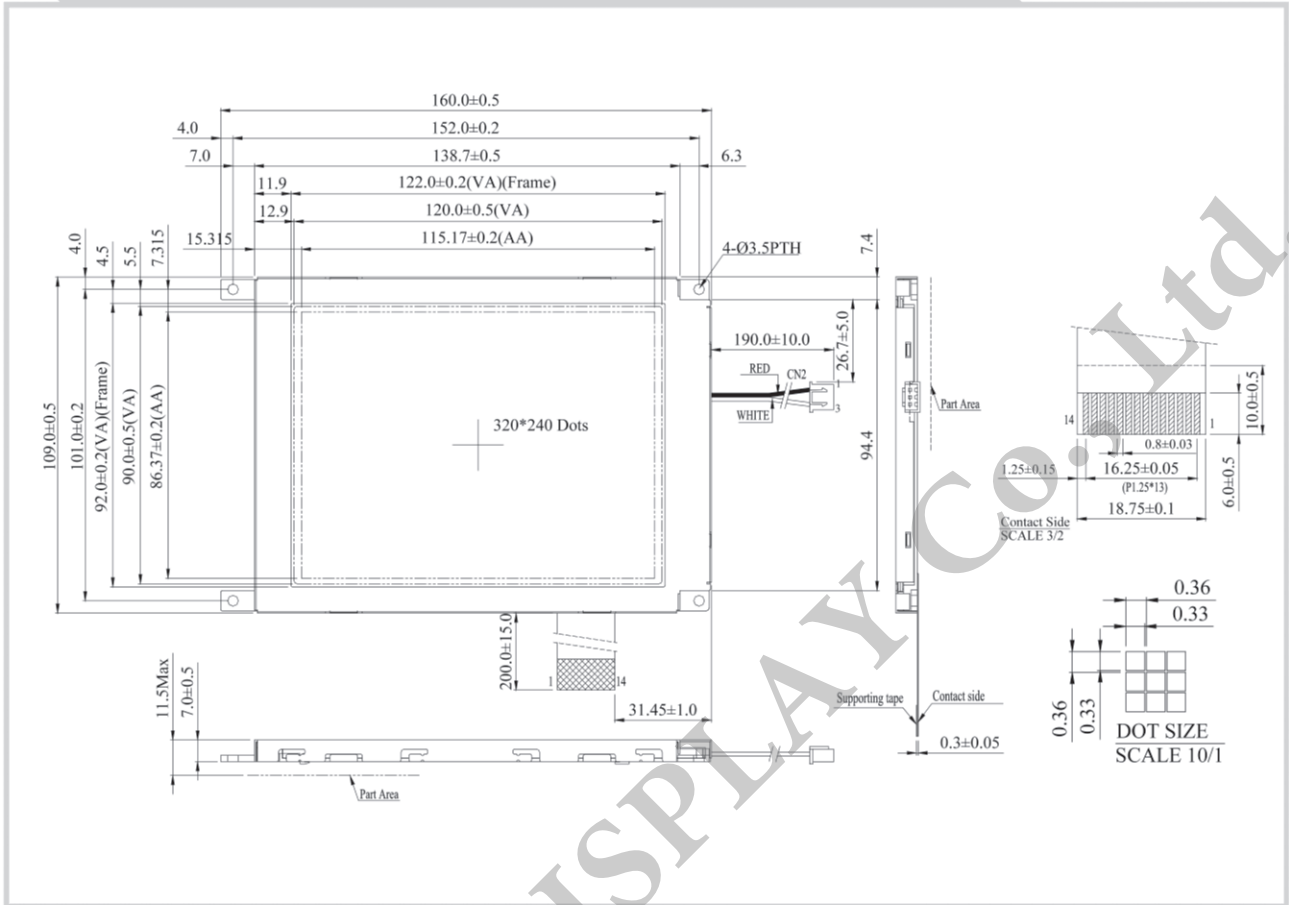


WO320240A Graphic 320x240



Feature

- 320x240 dots includes cursor
- No controller
- 3.3V/5V power supply
- 1/240 duty cycle

| Pin No. | Symbol | Description |
|---------|-----------------|-------------------------|
| 1 | D0 | Data bus line |
| 2 | D1 | Data bus line |
| 3 | D2 | Data bus line |
| 4 | D3 | Data bus line |
| 5 | /DISPOFF | Display off H:ON L:OFF |
| 6 | FRAME | Scan start-up signal |
| 7 | NC | No connection |
| 8 | LOAD | Data latch pulse |
| 9 | CP | Data shift pulse |
| 10 | V _{DD} | Power supply for logic |
| 11 | V _{SS} | Ground |
| 12 | V _{EE} | Positive Voltage Output |
| 13 | V _O | Contrast Adjustment |
| 14 | NC | No connection |

Mechanical Data

| Item | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 160.0 x 109.0 | mm |
| Viewing Area | 120.0 x 90.0 | mm |
| Mounting Hole | 152.0 x 101.0 | mm |
| Dot Pitch | 0.36 x 0.36 | mm |
| Dot Size | 0.33 x 0.33 | mm |

Electrical Characteristics

| Item | Symbol | Standard Value | Unit |
|---|---------------------------------|----------------|------|
| | | typ. | |
| Input Voltage | VDD | 3/5 | V |
| Recommended LCD Driving Voltage for Normal Temp. Version module @25°C | V _o -V _{ss} | 23.0 | V |