

Optima

OF043DAT00

◎ Feature

| Item | Info. |
|----------------|--------------------|
| Resolution | 480*272 |
| Power supply | 3.3V |
| Interface | Digital 24-bit RGB |
| IC | HX8257A |
| View Direction | 12 o'clock |
| Touch Panel | RTP |

◎ Mechanical Data (unit: mm)

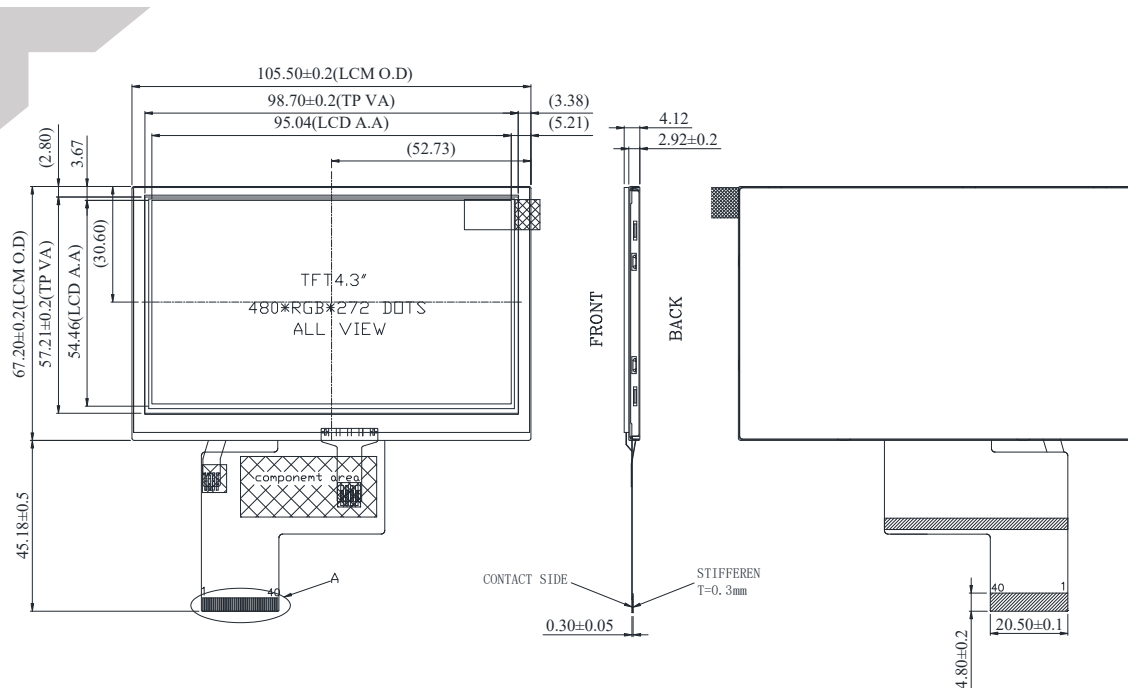
| Item | Dimension |
|------------------|---------------|
| Module dimension | 105.5 x 67.2 |
| View area | 98.7 x 57.21 |
| Active area | 95.04 x 53.86 |
| Pixel size | 0.198 x 0.198 |

◎ Electrical Characteristics (unit: V)

| Item | Min | Typ | Max |
|-----------------------|-----|-----|-----|
| Supply Voltage (VDD) | 3.0 | 3.3 | 3.6 |
| Voltage for Backlight | - | 16 | - |

◎ Temperature Range (unit: °C)

| Item | Min | Typ | Max |
|-----------------|-----|-----|-----|
| Operating Temp. | -20 | | 70 |
| Storage Temp. | -30 | | 80 |



PIN DESCRIPTION

| PIN NO | SYMBOL |
|--------|--------|
| 1 | LEBK |
| 2 | LEDA |
| 3 | GND |
| 4 | VDD |
| 5 | RO |
| 6 | R1 |
| 7 | R2 |
| 8 | R3 |
| 9 | R4 |
| 10 | R5 |
| 11 | R6 |
| 12 | R7 |
| 13 | G0 |
| 14 | G1 |
| 15 | G2 |
| 16 | G3 |
| 17 | G4 |
| 18 | G5 |
| 19 | G6 |
| 20 | G7 |
| 21 | B0 |
| 22 | B1 |
| 23 | B2 |
| 24 | B3 |
| 25 | B4 |
| 26 | B5 |
| 27 | B6 |
| 28 | B7 |
| 29 | GND |
| 30 | DCLK |
| 31 | DISP |
| 32 | HSYNC |
| 33 | VSYNC |
| 34 | DE |
| 35 | NC |
| 36 | GND |
| 37 | NC(X) |
| 38 | NC(Y) |
| 39 | NC(X) |
| 40 | NC(Y) |