

Mechanical Dimension



1024xRGBx600 dots
LCD AA CENTER

164.00 ± 0.2
156.22 OPEN BLACK TAPE
154.2144 LCD AA
80.26
5.63
6.64
2.19
3.19
46.15
86.92 LCD AA
87.92 OPEN BLACK TAPE
97.00 ± 0.2
68.00
69.10
0.50
24.50
25.50
2.60 ± 0.2
PIN
PI
-0.3 ± 0.03
5.00

| NO. | Pin name | NO. | Pin name |
|-----|----------|-----|----------|
| 1 | A1 | 33 | R2 |
| 2 | A2 | 34 | R1 |
| 3 | K1 | 35 | R0 |
| 4 | K2 | 36 | GND |
| 5 | GND | 37 | DCLK |
| 6 | VCOM | 38 | GND |
| 7 | DVDD | 39 | L/R |
| 8 | MODE | 40 | U/D |
| 9 | DE | 41 | VGH |
| 10 | VS | 42 | VGL |
| 11 | HS | 43 | AVDD |
| 12 | B7 | 44 | RESET |
| 13 | B6 | 45 | NC |
| 14 | B5 | 46 | VCOM |
| 15 | B4 | 47 | DITHB |
| 16 | B3 | 48 | GND |
| 17 | B2 | 49 | NC |
| 18 | B1 | 50 | NC |
| 19 | B0 | | |
| 20 | G7 | | |
| 21 | G6 | | |
| 22 | G5 | | |
| 23 | G4 | | |
| 24 | G3 | | |
| 25 | G2 | | |
| 26 | G1 | | |
| 27 | G0 | | |
| 28 | R7 | | |
| 29 | R6 | | |
| 30 | R5 | | |
| 31 | R4 | | |
| 32 | R3 | | |

* Unspecified Tolerances is: ±0.2

| Note: | |
|--------------------------------------|-------------------------|
| LCD TYPE | 7 inch TFT Transmissive |
| DISPLAY MODE | Normally black |
| VIEW DIRECTION | 6 O' clock |
| OPERATING TEMP. | -20° C ~ 70° C |
| STORAGE TEMP. | -30° C ~ 80° C |
| BACK LIGHT | 21 White leds |
| BL voltage/current | 9.6V / 140mA |
| ALL MATERIALS MUST BE ROHS COMPLIANT | |

BACKLIGHT CIRCUIT

MAXEN ELECTRONICS LIMITED
 Email: info@maxen-lcddisplay.com Https:// www.maxen-lcddisplay.com

MX-B70HR50-IX19