



| PIN | SYMBOL | PIN | SYMBOL |
|-----|--------|-----|---------|
| 1 | GND | 21 | B0 |
| 2 | GND | 22 | B1 |
| 3 | VCC | 23 | B2 |
| 4 | VCC | 24 | D3 |
| 5 | R0 | 25 | B4 |
| 6 | R1 | 26 | B5 |
| 7 | R2 | 27 | B6 |
| 8 | R3 | 28 | B7 |
| 9 | R4 | 29 | GND |
| 10 | R5 | 30 | DOTCLK |
| 11 | R6 | 31 | DISPLAY |
| 12 | R7 | 32 | HSYNC |
| 13 | G0 | 33 | VSYNC |
| 14 | G1 | 34 | SCL |
| 15 | G2 | 35 | SDA |
| 16 | G3 | 36 | CS |
| 17 | G4 | 37 | NC |
| 18 | G5 | 38 | NC |
| 19 | G6 | 39 | K |
| 20 | G7 | 40 | A |

| | | |
|----|-----------------------------|-----------------|
| 1 | Operating Voltage: | Vcc=3.3V typ. |
| 2 | Resolution: | 480RGB*272 |
| 3 | Color: | 16M |
| 4 | Interface: | 24-bits RGB |
| 5 | Display type: | Transmissive |
| 6 | polarizer surface treatment | Glare |
| 7 | Viewing Direction: | Full view |
| 8 | Operating Temp: | -30°C~85°C |
| 9 | Storage Temp: | -40°C~85°C |
| 10 | Driver IC: | OTA5180A-C3 |
| 11 | Surface Brightness : | 800CD/M2(typ.) |
| 12 | Backlight: | high brightness |
| 13 | Unspecified tolerance: | ±0.2 |

REVISION

| REV | ECO NO | DESCRIPTION | DWN | DATE | CHKD | DATE | APVD | DATE | APVD | DATE |
|-----|--------|-------------|-----|-------------|------|------|------|------|------|------|
| A | | Initial | | Jan.18/2016 | | | | | | |

DRAWN BY
ZHIXING XU
DATE: Jan.18/2016
CHECKED BY
DATE:
APPROVED BY
DATE:
APPROVED BY
DATE:

UNLESS OTHERWISE SPECIFIED:
1) ALL DIMENSIONS ARE IN MM.
2) TOLERANCE
.XXX ±.127
.XX ±.254
ANGLES ±0.5°
THIRD ANGLE PROJECTION
DRAWING SIZE: C
DRAWING SCALE: NONE
DO NOT SCALE DRAWING

POLYTRONIX, INC. 805 ALPHA DRIVE
RICHARDSON, TX 75081
972.238.7045
CUSTOMER ID NUMBER: SHEET 1 OF 1
TITLE:
CAGE CODE NO. 2Y126 POLYTRONIX PART NUMBER: PT-43-WQ-NN-03 REV.: A