



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