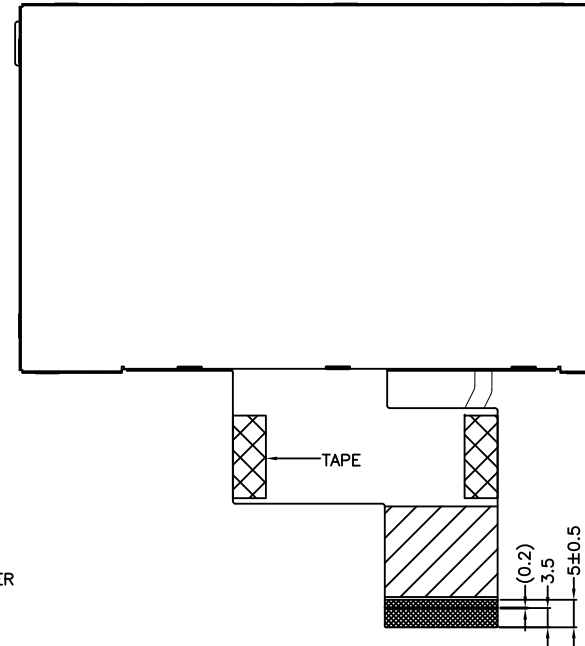
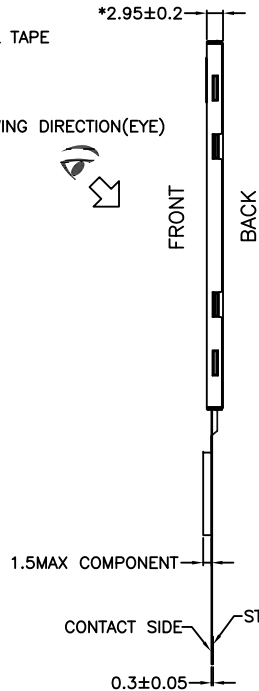


VIEWING DIRECTION(EYE)



CONSTANT CURRENT:20mA,24.0V(REF.)  
BACKLIGHT DRIVER CIRCUIT DIAGRAM

PIN DEFINE		
PIN No.	SYMBOL	
1	LEDK	
2	LEDA	
3	GND	
4	VDD	
5	R0	
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	VSYN	
34	DE	
35	NC	
36	GND	
37	XR/NC	
38	YD/NC	
39	XL/NC	
40	YU/NC	

ITEM	PARAMETERS	ITEM	PARAMETERS	RoHS COMPLIANT	YES
LCD SIZE	4.3 inch(DIAGONAL)	VIEWING DIRECTION(EYE)	12 O'CLOCK		
LCD TYPE	TN/NORMALLY WHITE	OPERATING TEMPERATURE	-20°C TO +70°C		
RESOLUTION(H*V)	480*272 PIXELS	STORAGE TEMPERATURE	-30°C TO +80°C		
POLARIZER TYPE	TRANSMISSIVE(ANTI-GLARE)	IC	ILI6480BQ OR COMPATIBLE		
POWER SUPPLY INPUT VOLTAGE	3.3V(VDD)	BACKLIGHT	EDGE,WHITE		
I/O LOGIC VOLTAGE	XXXX	CONNECTOR	ZIF		

MARK"\*"ARE IMPORTANT DIMENSIONS,MARK"()"ARE REFERENCE DIMENSIONS,MARK"\*"ARE SPECIAL CHARACTERISTICS RELATED TO SAFETY,MARK"⚠" ARE SPECIAL CHARACTERISTICS IRRELEVANT TO SAFETY,MARK"●"ARE IMPORTANT CHARACTERISTICS EXCEPT FOR THE SPECIAL CHARACTERISTICS.

REVISION

REV	ECO NO	DESCRIPTION	DWN	DATE	CHKD	DATE	APVD	DATE	APVD	DATE
A		Initial		SepL/23/2015						

DRAWN BY  
ZHIXING XU  
DATE: Sept./23/2015  
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-43WQ-NN-01 REV.: A