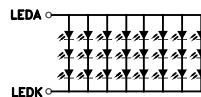
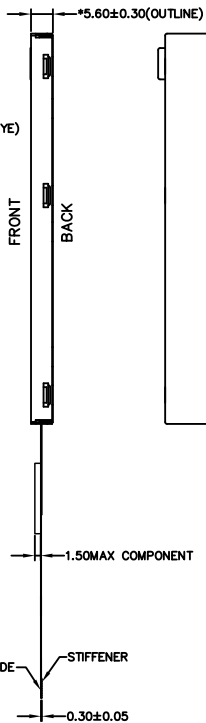


VIEWING DIRECTION(EYE)



CONSTANT CURRENT: 480mA, 9.6V(REF.)  
BACKLIGHT DRIVER CIRCUIT DIAGRAM

PIN DEFINE	
PIN NO.	SYMBOL
1	LEDK
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	DEN
35	NC
36	GND
37	XL
38	YD
39	XR
40	YU

ITEM	PARAMETERS	ITEM	PARAMETERS	RoHS COMPLIANT	YES
LCD SIZE	7.0 inch(DIAGONAL)	VIEWING DIRECTION(EYE)	12 O'CLOCK		
LCD TYPE	TN/NORMALLY WHITE	OPERATING TEMPERATURE	-20°C TO +70°C		
RESOLUTION(H*V)	800*480 PIXELS	STORAGE TEMPERATURE	-30°C TO +80°C		
POLARIZER TYPE	TRANSMISSIVE	IC	HX8264-D08+HX8664-B OR COMPATIBLE		
POWER SUPPLY INPUT VOLTAGE	3.3V(VDD)	BACKLIGHT	EDGE, WHITE		
I/O LOGIC VOLTAGE	/	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										DRAWN BY Zhixing, Xu		UNLESS OTHERWISE SPECIFIED:		POLYTRONIX, INC.		805 ALPHA DRIVE							
REV	ECO NO	DESCRIPTION	DWN	DATE	CHKD	DATE	APVD	DATE	APVD	DATE	DATE:	DATE:	DATE:	DATE:	DATE:	DATE:	DATE:	DATE:					
A		Initial		May/16/2016							May/16/2016												
												CHECKED BY		1) ALL DIMENSIONS ARE IN MM.		POLYTRONIX, INC. RICHARDSON, TX 75081		805 ALPHA DRIVE					
												DATE:		2) TOLERANCE		972.238.7045		RICHARDSON, TX 75081					
												APPROVED BY		.XXX ±.127		CUSTOMER ID NUMBER:		SHEET 1 OF 1					
												DATE:		.XX ±.254		TITLE:							
												APPROVED BY		ANGLES ±0.5°		THIRD ANGLE PROJECTION							
												DATE:		DRAWING SIZE: C		DRAWING SCALE: NONE		GAGE CODE NO. 2Y126		POLYTRONIX PART NUMBER: PT-70WV-NN-04		REV: A	
												DO NOT SCALE DRAWING											