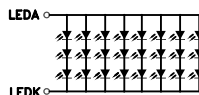


VIEWING DIRECTION(EYE)

FRONT  
BACK

CONTACT SIDE  
STIFFENER  
1.50MAX COMPONENT  
0.30±0.05



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

REV	ECO NO	DESCRIPTION	DWN	DATE	CHKD	DATE	APVD	DATE	APVD	DATE
A		Initial		May/16/2016						

DRAWN BY Zhixing, Xu  
DATE: May/16/2016  
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-70WV-NN-04  
REV: A