

VIEWING DIRECTION(EYE)



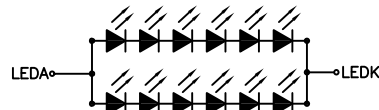
FRONT

BACK

1.5MAX COMPONENT

CONTACT SIDE STIFFENER

0.3±0.05



CONSTANT CURRENT:40mA,19.2V(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	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	5.0 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(ANTI-GLARE)	IC	ILI6122+ILI5960 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		AUG/19/2015						

DRAWN BY
ZHIXING XU
DATE: AUG/19/2015
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. 701N. PLANO ROAD
RICHARDSON, TX 75081
972.238.7045

CUSTOMER ID NUMBER: SHEET 1 OF 1

TITLE:

CAGE CODE NO. 2Y126 POLYTRONIX PART NUMBER: PT-50WV-NN-01 REV: A