



PIN	SYMBOL	PIN	FUNCTION
1	VCOM	1	LED-(NC)
2	VDD	2	LED-(NC)
3	VDD	3	L/R
4	NC	4	U/D
5	RESET	5	VGL
6	STBYB	6	CABCEN1(NC)
7	GND	7	CABCEN0(NC)
8	RXIN0-	8	VGH
9	RXIN0+	9	LED+(NC)
10	GND	10	LED+(NC)
11	RXIN1-	11	
12	RXIN1+	12	
13	GND	13	
14	RXIN2-	14	
15	RXIN2+	15	
16	GND	16	
17	RXCLKIN-	17	
18	RXCLKIN+	18	
19	GND	19	
20	RXIN3-	20	
21	RXIN3+	21	
22	GND	22	
23	NC	23	
24	NC	24	
25	GND	25	
26	NC	26	
27	DIMO	27	
28	SELB	28	
29	AVDD	29	
30	GND	30	
31	LED-(NC)	31	
32	LED-(NC)	32	
33	L/R	33	
34	U/D	34	
35	VGL	35	
36	CABCEN1(NC)	36	
37	CABCEN0(NC)	37	
38	VGH	38	
39	LED+(NC)	39	
40	LED+(NC)	40	

DETAIL A
SCALE 3:1

DETAIL B
SCALE 3:1

LABEL
SCALE:3/1

CONSTANT CURRENT:260mA,9.9V(REF.)
BACKLIGHT DRIVER CIRCUIT DIAGRAM

ITEM	PARAMETERS	ITEM	PARAMETERS
DISPLAY TYPE	TFT(10.1"),Normal White	VIEWING DIRECTION	12 O'CLOCK
DRIVING METHOD	1024*RGB*600 PIXEL	OPERATING TEMPERATURE	-20°C TO +70°C
POLARIZER TYPE	TRANSMISSIVE	STORAGE TEMPERATURE	-30°C TO +80°C
LCD OPERATING VOLTAGE	XXXX	BACKLIGHT	EDGE,WHITE
LOGIC VOLTAGE(VDD)	3.3V	CONNECTOR	COG+FPC
RoHS COMPLIANT			

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		UNLESS OTHERWISE SPECIFIED:		POLYTRONIX, INC.		
REV	ECO NO	DESCRIPTION	DWN	DATE	CHKD	DATE	APVD	DATE	APVD	DATE	ZHIXING,XU	1) ALL DIMENSIONS ARE IN MM.	805 ALPHA DRIVE		RICHARDSON, TX 75081	
A		Initial		Sept./11/2015							DATE: Sept./11/2015	2) TOLERANCE	972.238.7045		CUSTOMER ID NUMBER:	
											CHECKED BY	.XXX ±.127	SHEET 1 OF 1		TITLE:	
											DATE:	.XX ±.254			CAGE CODE NO. POLYTRONIX PART NUMBER:	
											APPROVED BY	ANGLES ±0.5°			REV.:	
											DATE:	THIRD ANGLE PROJECTION			2Y126 PT-101WS-NN-01	
											APPROVED BY	DRAWING SCALE:			A	
											DATE:	NONE				
											DO NOT SCALE DRAWING					