



CONSTANT CURRENT:20*2mA,3.2V(REF.)
BACKLIGHT DRIVER CIRCUIT DIAGRAM

AFTER BENDING FPC
REFERENCE DRAWING
Shipment:Developing FPC

No:	1	2	3	4	5
PIN NAME	LEDK	LEDA	VDD	IOVCC	VSS
No:	6	7	8	9	10
PIN NAME	CS	SDI	SDL	RST	D/C

ITEM	PARAMETERS	ITEM	PARAMETERS
DISPLAY TYPE	TFT(1.77"),POSITIVE	VIEWING DIRECTION	6 O'CLOCK
DRIVING METHOD	128*RGB*160 PIXEL	OPERATING TEMPERATURE	-20°C TO +70°C
POLARIZER TYPE	TRANSMISSIVE	STORAGE TEMPERATURE	-30°C TO +80°C
LCD OPERATING VOLTAGE	XXXX	IC	ILI9163V OR COMPATIBLE
LOGIC VOLTAGE(VDD)	3.3V	BACKLIGHT	EDGE,WHITE
RoHS COMPLIANT		CONNECTOR	COG+FPC

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		Sept./16/2015						

DRAWN BY
ZHIXING XU
DATE: Sept./16/2015
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-177QQ-NN-01 REV: A