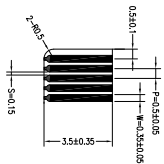
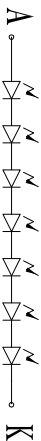


- Notes:
1. Tolerance is ± 0.3 mm unless otherwise noted.
 2. Marked with * is important dimension.
 3. Marked with () is reference dimension.

Colour: White
 Vled=21.7 ± 1.4V, Iled=20mA
 Backlight circuit diagram



DETAIL B
 SCALE: 4:1



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DRAWN:

植耀聪

2018-10-23

CHECKED:

陈秀丹

2018-10-23

APPROVED:

江树仁

2018-10-23

LCM NO: GWM/D15814-LCM/A

Rev: 00

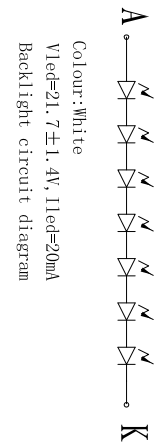
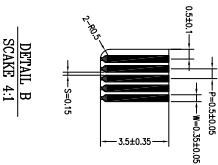
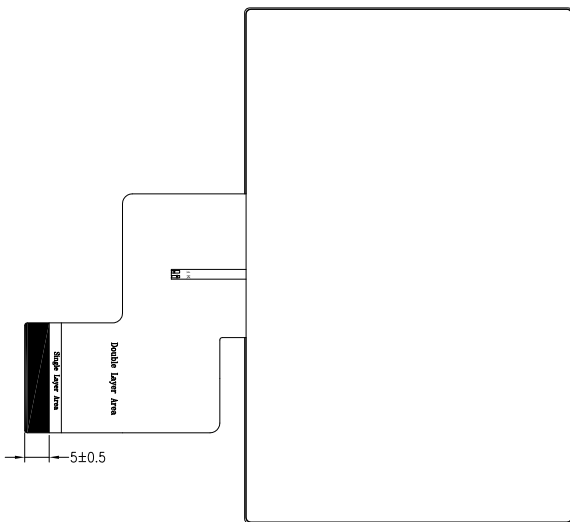
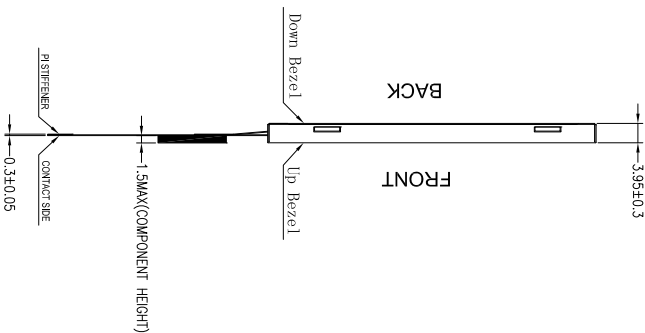
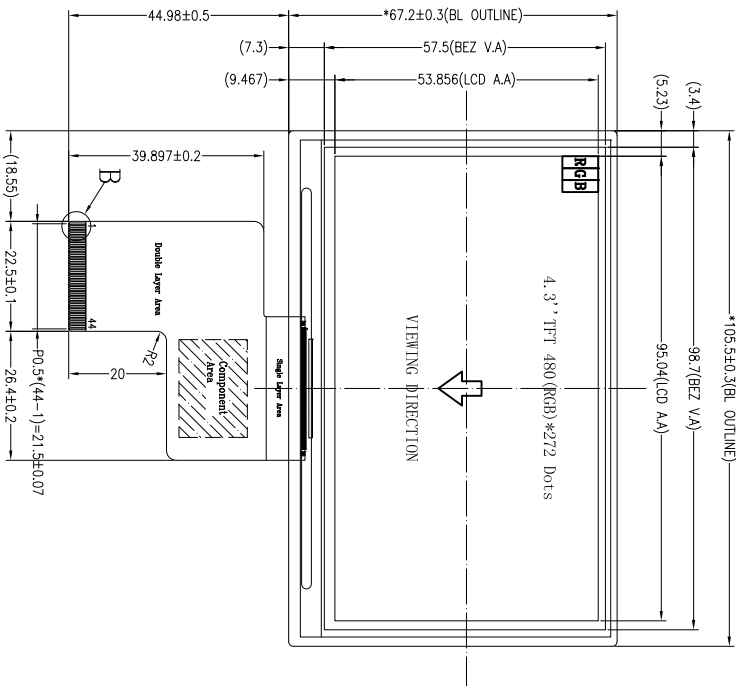
UNITS: mm

DWG NO: ED-15814-LCM/A

SHEET 1 OF 2

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Colour: White
Vled=21.7±1.4V, Iled=20mA
Backlight circuit diagram

NO	Part Name	Quantity
4	Backlight (包括上下铁柱)	1
3	FPC	1
2	IC	1
1	LCD	1

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- Notes:
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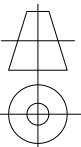
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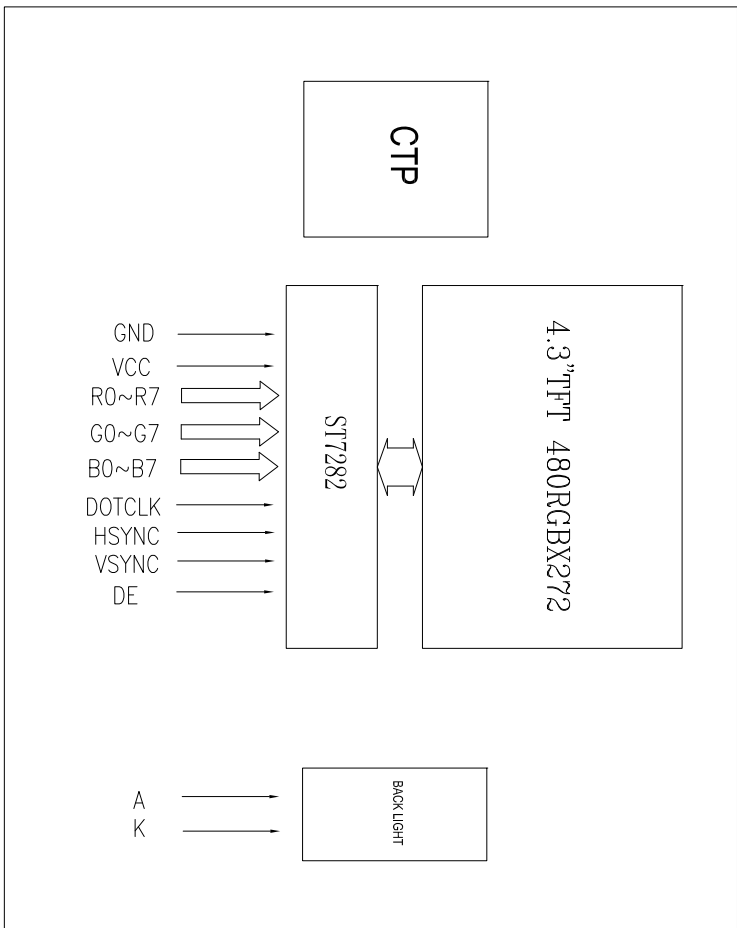
LCM NO: GWMTP15816-LCM/A Rev: 00 UNITS: mm

DWG NO: ED-15816-LCM/A

SHEET 1 OF 1



Block Diagram:



Display type: TFT/Normal white
 Display mode: Transmissive
 Viewing direction: 12:00
 Driver IC: ST7282
 Interface type: 24bits RGB
 Recommend Operating Voltage: VCC=3.3±0.3V
 Operating temperature: -20° C ~ +70° C
 Storage temperature: -30° C ~ +80° C
 All unmarked tolerance: ±0.3mm

Pin Description:

Pin	Symbol	Function Description
1~2	GND	Ground.
3~4	VCC	Power supply.
5~12	R0~R7	Digital data input.
13~20	G0~G7	Digital data input.
21~28	B0~B7	Digital data input.
29	GND	Ground.
30	DOTCLK	Clock signal.
31	DISP	Display on/off mode control. DISP=L, standby mode. DISP=H, normal display mode.
32	HSYNC	Horizontal sync input.
33	VSTNC	Vertical sync input.
34	DE	Input data enable control.
35	NC	Non connection.
36	NC	Non connection.
37	NC	Non connection.
38	NC	Non connection.
39	A	Power supply anode input for backlight.
40	K	Power supply cathode input for backlight.
41	NC	Non connection.
42	NC	Non connection.
43	NC	Non connection.
44	NC	Non connection.



A00: Original Edition
 Revision History:

CUSTOMER APPROVAL:

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 2018-10-23

APPROVED:

江树仁
 2018-10-23

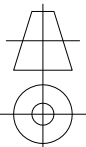
LCM NO: GWMTP15816-LCM/A

Rev: 00

UNITS: mm

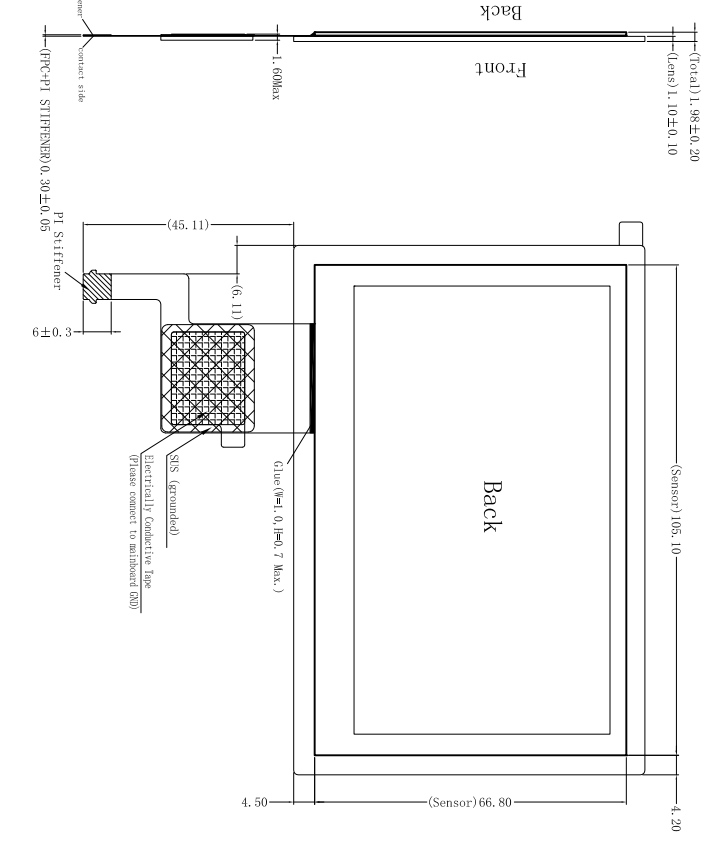
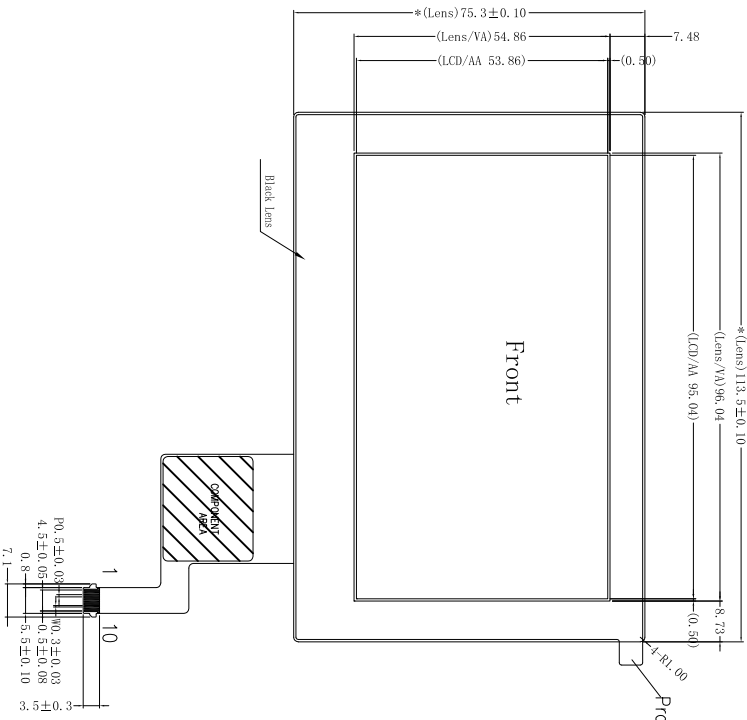
DWG NO: ED-15816-LCM/A

SHEET 2 OF 2





PIN	NAME
1	GND
2	GND
3	IOVDD
4	RESET
5	INT
6	VDD
7	SCL
8	SDA
9	GND
10	GND



A-A

Comment:
 Driver IC: mXT224T-MAU
 VDD=3.3V±0.1V
 IOVDD=3.3V±0.1V
 Undefined tolerance : ±0.20mm
 Operating temp.: -20~70°C
 Storage temp.: -30~80°C
 Dimensions marked with “ () ” are for reference
 Dimensions with * are pivotal

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DRAWN:	CHECKED:	APPROVED:	A0013411Sensor	LCM NO: GW	-	/A	Rev: ED-	UMH:	myh
2018-10-23	2018-10-23	2018-10-23		DWG NO: ED-	-	/A	SHEET	1	OF 1

CUSTOMER APPROVAL:

