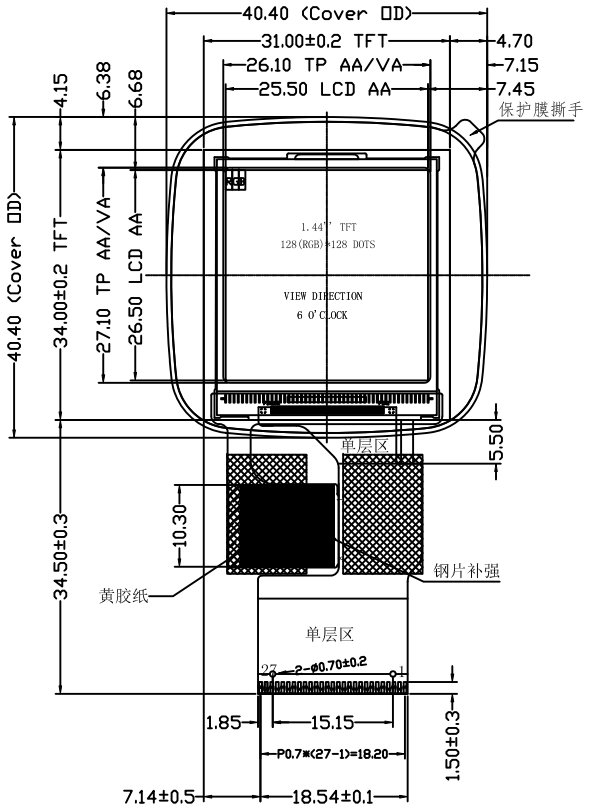
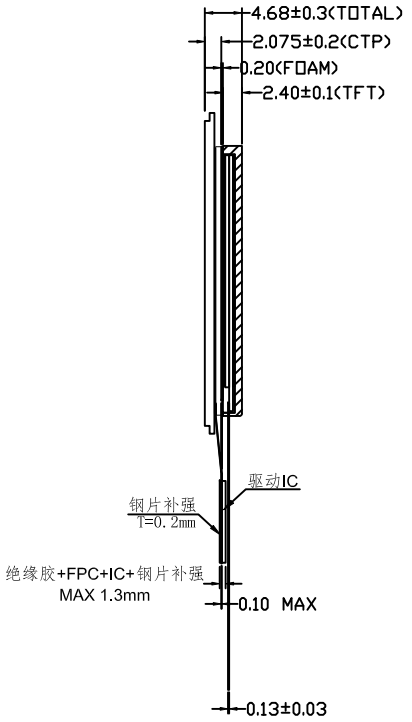
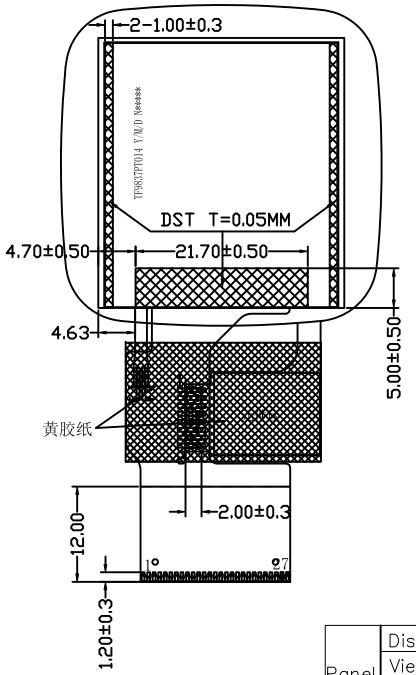




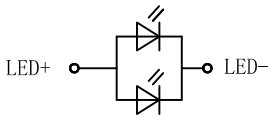


TP PIN ASSIGNMENT

1	GND
2	SCL
3	SDA
4	WAKE
5	INT
6	VCC
7	GND
8	GND

NO.	SIGNAL
1	NC
2	GND
3	TP-XL/SCK
4	TP-YD/SDA
5	TP-XR/RST
6	TP-YU/INT
7	RESET
8	RS
9	/WR
10	/RD
11	DB0
12	DB1
13	DB2
14	DB3
15	DB4
16	DB5
17	DB6
18	DB7
19	/CS
20	GND
21	NC
22	VDD
23	LED+
24	LED-
25	GND
26	TE
27	NC

NOTE:
1. GENERAL TOLERANCE: ±0.3.
2. (...) IS REFERENCE DIMENSION.
3. * CRITICAL DIMENSION
4. COMPLIABLY RoHS.



BACKLIGHT LED CIRCUIT

Panel	Display Type	1.44"TFT/CPT/TRANSMISSIVE
	Viewing Angle	Best Image Viewing: 6 O'CLOCK
	Driver IC	TFT IC: ST7735S; CTP IC: ST1624
LCM	Interface	TFT 8080 8-bit; CTP I2C
	Operating Voltage	VDD: 3.3V
	Luminance	770cd/m2(typ),680cd/m2(min),860cd/m2(max)
	Center coordinate	TBD
	Backlight	WHITE(40mA,2.9~3.1V,2LED)
	Connector type	
	Operation Temp.	-20°C TO 70°C
	Storage Temp.	-30°C TO 80°C

VER.	SYMBOL	AMENDMENT	SIGN	DATE
01		first issue	LH	2015.3.5

DRAWN	
CHECKED	
APPROVED	
CUSTOMER'S APPROVAL	

TITLE: 1.44 TFT+CTP

BOM: BT140114-04

DRAWING NO.: TF9837PT014

UNIT: mm | SCALE: FIT | 3rd Angle | SHEET 1 OF 1

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