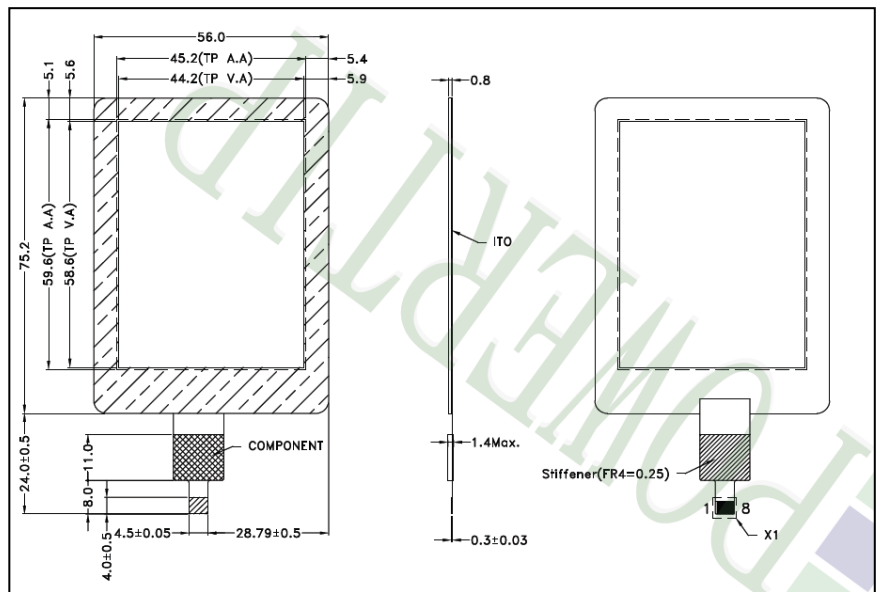Dear Partners:

It's middle of Q2. Taiwan had water shortage in Q1. Fortunately, raining season is coming . Below is the update of new product, please contact with your sales window for more details. Summer season is near, please also review your order status for Q2~Q3 and release it early.

- 2.8" TFT with OGS (one glass solution) capacitive touch panel- Please check below two items for different design request.
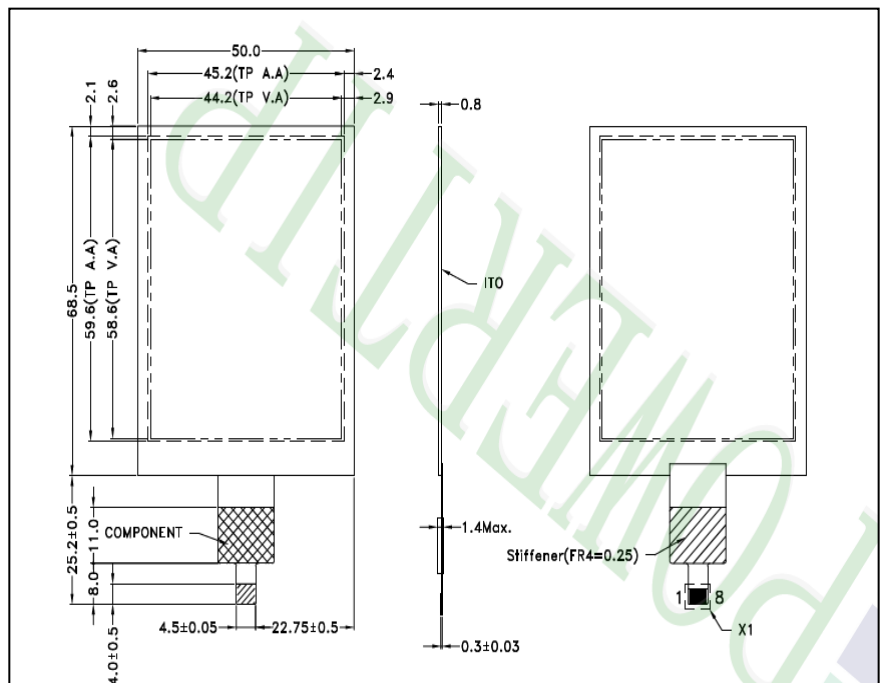
1) Product with black mask as the tablet like.
- IC: Sitronix ST1624
- Multi touch with sliding function

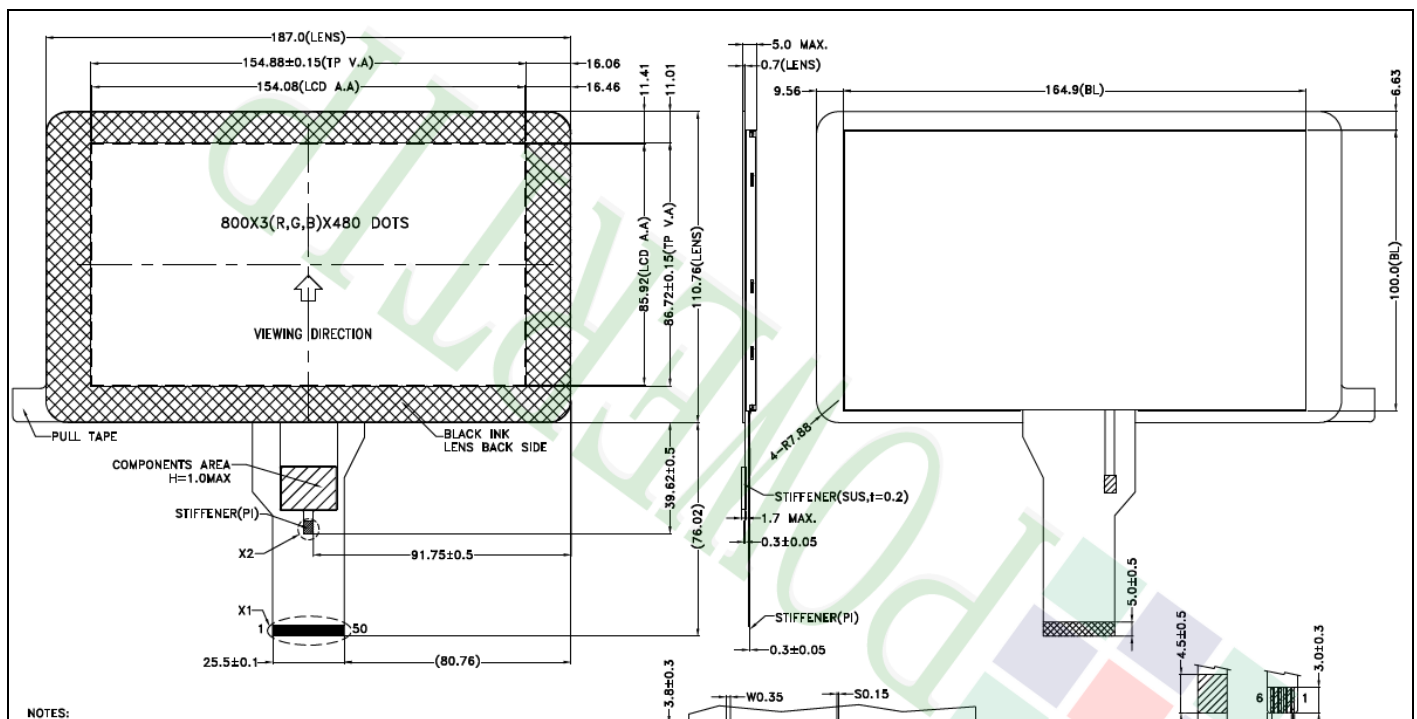2) CTP solution which can replace 2.8" resistive touch solution.
- IC: Sitronix ST1530
- One point touch with sliding function

- – Please discuss with customer and feedback the mechanical design of LCM FPC in order to evaluate the quote.
- – 4.3" with OGS solution is under developing. Please check with our sales if you have inquiry.

● 7" OGS capacitive touch as cost effective solution
Please refer to the following drawings for mechanical design reference. Touch panel controller IC : ESMT YL8132. 5 Points touch with sliding function.
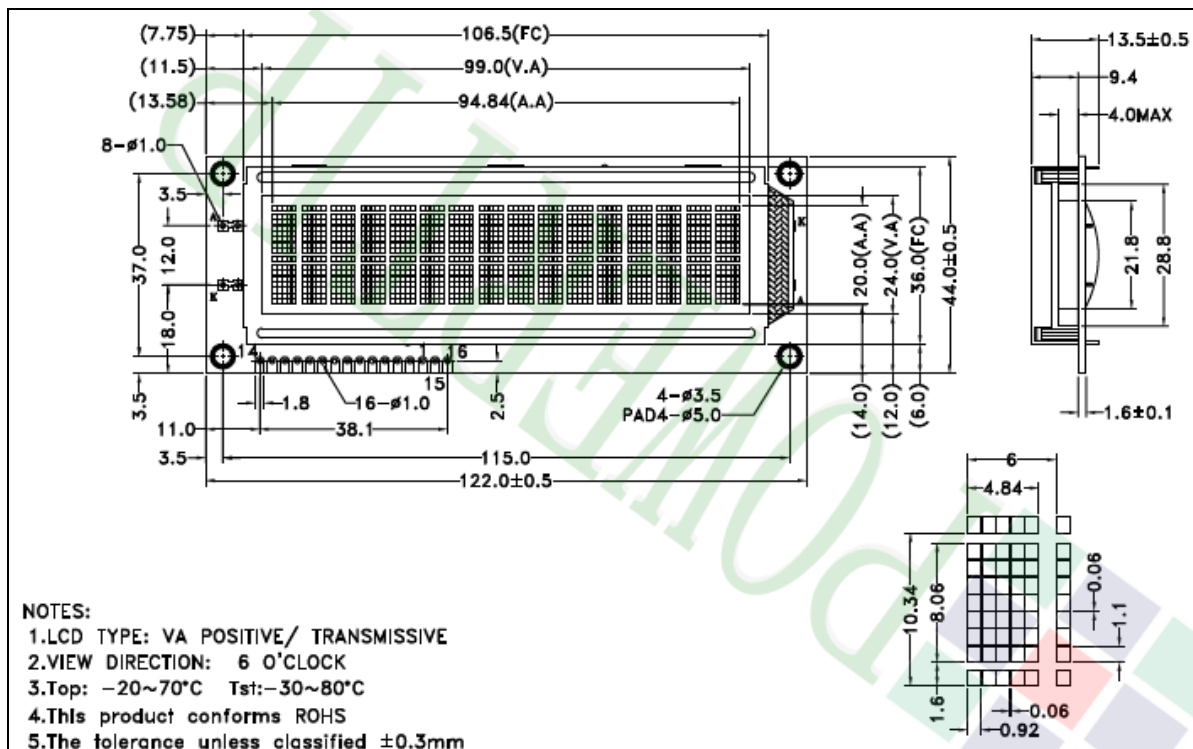

● CTP IC list ---Standard TFT with projected capacitive touch panel.
  Touch panel structure= G+G (Glass cover lens + Glass sensor) .

Size(Inch)	Powertip Part No.	Interface	TP support operation	TP LSI	TP Interface
3.5	PH320240T023-series	24bitRGB	5pointsmultitouch	FT5216	I2C
4.3	PH480272T-006- series	24bitRGB	5pointsmultitouch	FT5216	I2C
7	PH800480T-013- series	24bitRGB	10pointsmultitouch	FT5406	I2C

POWERTIP

- NPC1602-L in VA type, OLED-like, Part Number : NPC1602WRP-LWA-I . Please refer to the following as Electrical/Optical characteristics and mechanical drawings.

Electrical / Optical Characteristics

Item	Symbol	Conditions	Min.	Typ.	Max.	Unit
Forward Voltage	VF		-	(3.5)	(4.0)	V
Average Brightness (without LCD)	IV	IF= 40 mA	(200)	(230)	-	cd/m^2
Wavelength (Without LCD)	λ p		(569)	(572)	(575)	nm
Color	White					

NOTES:
1.LCD TYPE: VA POSITIVE/ TRANSMISSIVE
2.VIEW DIRECTION: 6 O'CLOCK
3.Top: −20~70°C Tst:−30~80°C
4.This product conforms ROHS
5.The tolerance unless classified ±0.3mm

- Custom Tooling storage—Powertip will scrap the tooling without receiving PO within two years. If you need the tooling to be kept, please inform the project status. Thank you.