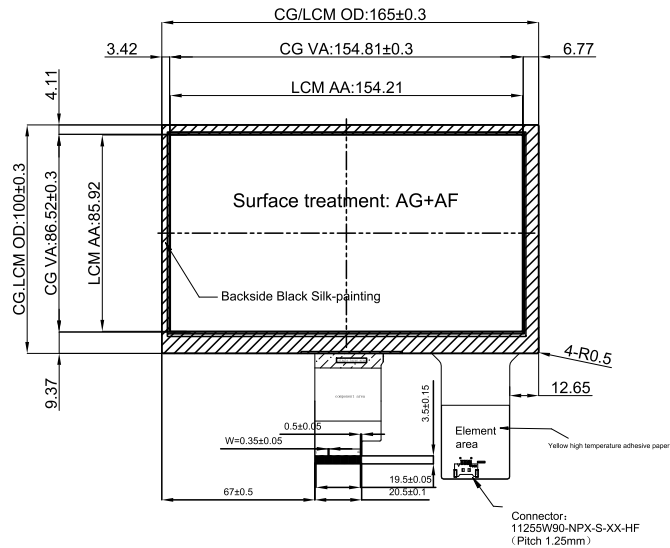


Ver.	Modify No.	Details	Area	P.I.C	Date

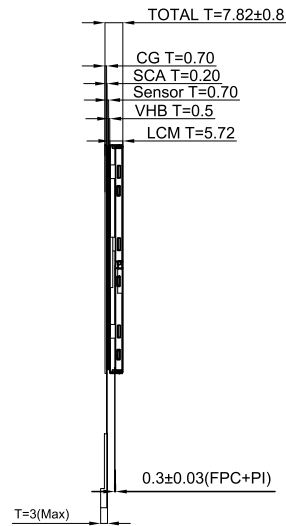
Front view



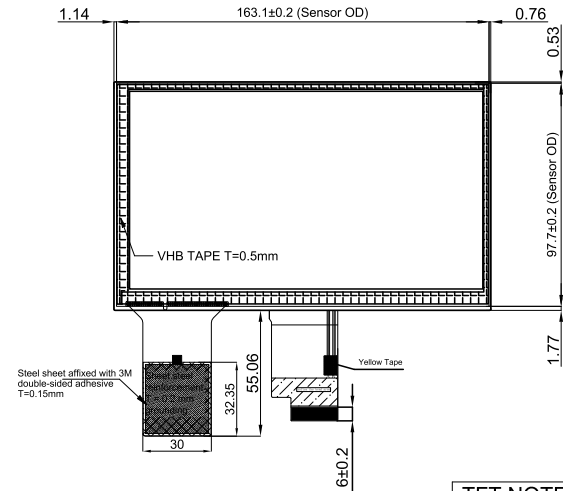
J1(USB)

PIN	Definition
1	VDD/5V
2	D-
3	D+
4	GND

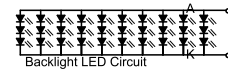
Side view



Back view



CIRCUIT DIAGRAM



BACKLIGHT: 30 CHIP-WHITE LED
IF=300mA(constant current)VF=8.4V~11V

Technical Datasheet:

- Structure: TP+LCM Tape Bonding
- Cover Glass: T=0.7mm, Tempered glass
- LCD: STEK0700E111A(950nits)
- TP Controller: BTP-TMS-CTR-ETI-070B-SN04
- TP Controller IC: EXC81W32
- Surface Hardness: ≥6H
- Light Transmittance: ≥85%
- Unmarked Tolerance: ±0.5mm
- All materials used conform to RoHS standards

TFT

PIN	NAME
1	VCOM
2	VDD
3	VDD
4	NC
5	RESET
6	STBYH
7	GND
8	RXINB
9	RXIN0
10	GND
11	RXIN0
12	RXIN1
13	GND
14	RXIN2
15	RXIN2
16	GND
17	EXCLKIN
18	EXCLKIN
19	GND
20	RXIN3
21	RXIN3
22	GND
23	NC
24	NC
25	GND
26	NC
27	DIM0
28	FLB(HSD)
29	AVDD
30	GND
31	LED+
32	LED-
33	L-R
34	U-D
35	VGL
36	NC
37	NC
38	VGH
39	LED+
40	LED+

TFT NOTE:		*所有产品物料必须满足ROHS和无毒要求*	
		All materials comply with RoHS & Halogen free requirement	
显示类型 Display type	7.0inch 1024RGB*600		
显示模式 Display mode	Transmissive Normally BLACK		
视察方向 Viewing direction	□ 6 □ 12 □ 3 □ 9 ■ Free		
对比度 Contrast ratio	800:1		
亮度 Luminance	950 cd/m² TYP		
接口类型 Interface	□ SPI ■ LVDS □ TTL/RGBD MCU		
供电电压 VDD	■ 3.3V □ 5V		
工作温度 Operation temperature	-20℃ to 70℃		
存储温度 Storage temperature	-30℃ to 80℃		
驱动芯片型号 Driver IC	EK79001HN,EK73215BCGA		
FPC连接方式 FPC Connection	■ Plug-in type □ welded		
未标注公差 Unmarked tolerance	±0.2mm		

Part No.		BTP-TMF-ST-7-ETI-SN04				
Product Name: 7 inch Touch Display (TP+LCM Tape Bonding)			Drawing No.		MF070231012SN04	
			Project Code.		23RL04	
Business Unit: SNT-BTP			Period Mark		View Angle	Ratio
			A			1:1
BOM Code		2.03.070.03.0104		Page 1		Total 1 Page
Product Series		BTP-TMF		 思诺泰科创电子（苏州）有限公司 SINOTRONICS INC.		