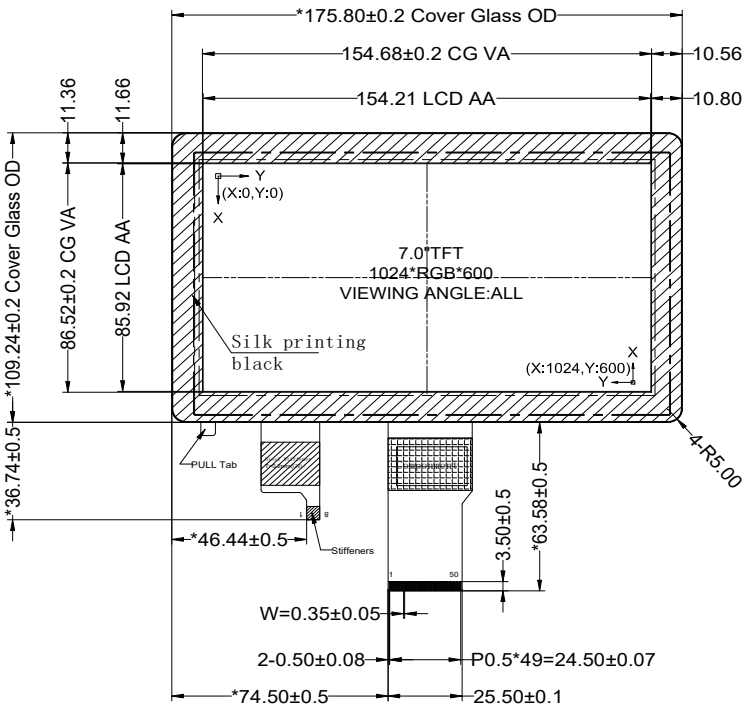
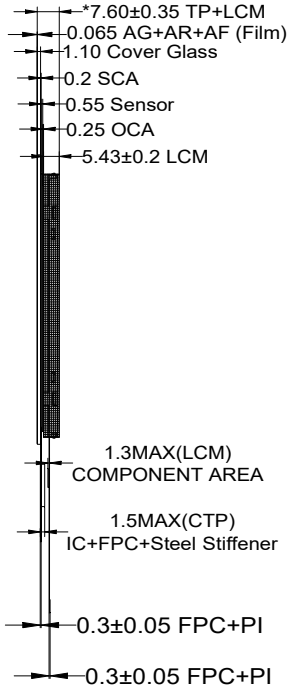
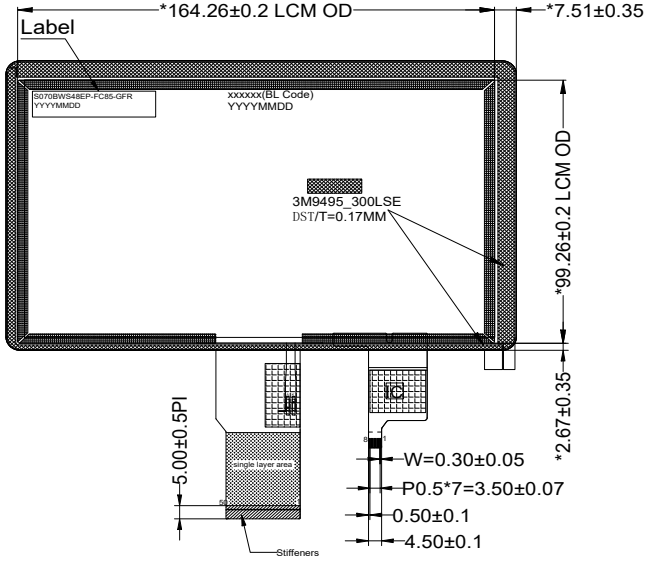
Front view

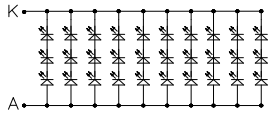


Side view



Dorsal view





Circuit Diagarm(3S10P)

PIN	SYMBOL
1	VLED+
2	VLED+
3	VLED-
4	VLED-
5	GND
6	VCOM
7	DVDD
8	MODE
9	DE
10	VS
11	HS
12	B7
13	B6
14	B5
15	B4
16	B3
17	B2
18	B1
19	B0
20	G7
21	G6
22	G5
23	G4
24	G3
25	G2
26	G1
27	G0
28	R7
29	R6
30	R5
31	R4
32	R3
33	R2
34	R1
35	R0
36	GND
37	DCLK
38	GND
39	L/R
40	U/D
41	VGH
42	VGL
43	AVDD
44	RESET
45	NC
46	VCOM
47	DITHB
48	GND
49	NC
50	NC

CTP Pin

Pin	Pin Name
1	GND
2	VDD
3	SDA
4	SCL
5	RST
6	INT
7	Test_NC
8	VSS_GND

CTP NOTES
1、Structure type：G+G，
CoverGlass+SCA+SENSOR+FPC，SENSOR：0.55mm
CoverGlass:1.1mm,SCA:0.2mm，TP:1.85mm±0.15
2、IC：GT911(COF)， Support touch: 5 points；
3、Working condition: DC3.3V， Interface：I2C;
IO VCC：3.3V; IIC：0X28
4、Surface hardness:≥6H；
5、Operation temperature：-20°C~+70°C,≤90%RH;
6、Storage temperature：-30°C~+80°C,≤90%RH;
7、Luminousness：≥85%；
8、RoHS Compliant；

LCM NOTES:
1. DISPLAY TYPE: 7.0 INCH TFT /Normally Black
2.VIEWING DIRECTION:U/L/D/R 85/85/85/85
2. BACKLIGHT: 30 CHIP WHITE LED, 3S10P
VF =9.6±1.2V;IF = 400mA
3. OPERATING TEMP: -20°C~+70°C
4. STORAGE TEMP: -30°c~+80°c
5. LCD IC:TBD
6.Luminance:900 cd/m2(TYP)
7. "( )"reference dimension."*"critical dimension
8. RoHS Compliant

REV.	DATE	MODIFICATION
1.0	2023.1.10	First issue

INTERFACE	RGB Interface
	FPC Connector (FH12-50S-0.5SH)
VIEWING DIRECTION	FREE
Gray DIRECTION	

深圳市思迪科科技有限公司
SHENZHEN CDTECH ELECTRONICS

Material code:	PART NO. S070BWS48EP-FC85-GFR
DWN LHF 2023.1.10	REV. 1.0 / SHEET OF 1/1
CHKD Li Huang 2023.1.10	TOLERANCE UNLESS SPECIFIED ±0.2
PROJECTION 3rd ANGLE	UNIT mm / SCALE 1:1