Ckingway

SPECIFICATION

LCD Number: CKT070D079QGT-E3

CUSTOMER APPROVED	**PREPARE BY**	**CHECK BY**	**APPROVED BY**
SUPPLIER APPROVED	**PREPARE BY**	**CHECK BY**	**APPROVED BY**

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1. General Specification

Item	Contents	Unit
LCD TYPE	TFT/TRANSMISSIVE	
MODULE SIZE (W*H*T)	164.80*99.80*7.0	MM
ACTIVE SIZE (W*H)	154.08*85.92	MM
PIXEL PITCH (W*H)	0.1926*0.1790	MM
NUMBER OF DOTS	800*480	
DRIVER IC	EK9713+EK73002	
INTERFACE TYPE	24-BIT RGB	
TOP POLARIZER TYPE	ANTI-GLARE	
RECOMMEND VIEWING DIRECTION	12	O'CLOCK
GRAY SCALE INVERSION DIRECTION	6	O'CLOCK
COLORS	16.7M	
BACKLIGHT TYPE	30-LED WHITE	
TOUCH PANEL TYPE	RESISTIVE	

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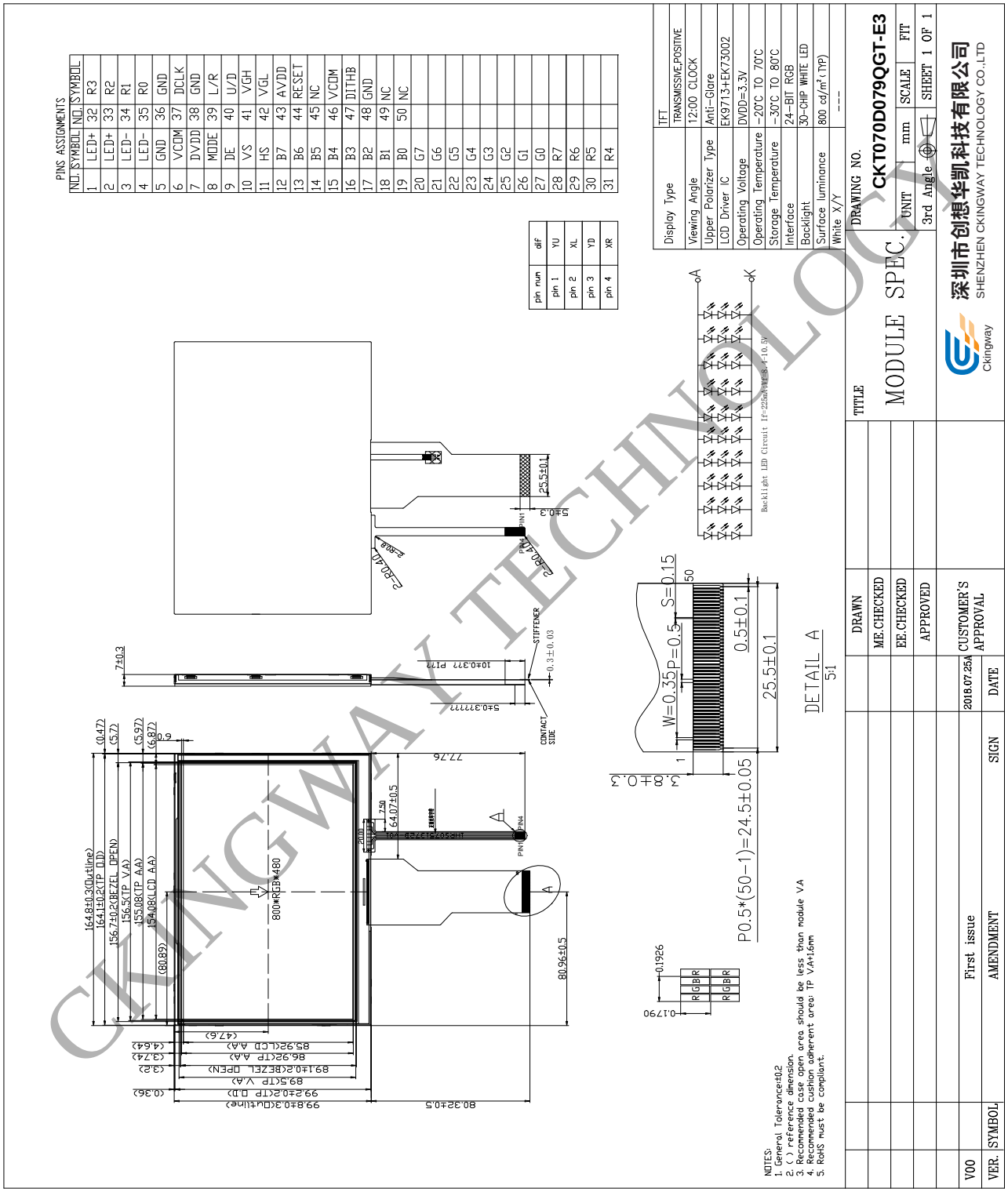
2. Mechanical Drawing



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3. Interface Pin Function

Pin No.	Symbol	Description
1	LED+	Anode of LED backlight
2	LED+	Anode of LED backlight
3	LED-	Cathode of LED backlight
4	LED-	Cathode of LED backlight
5	GND	Power ground
6	VCOM	Common voltage
7	DVDD	Power for digital circuit
8	MODE	DE/SYNC mode select
9	DE	Data input enable
10	VS	Vertical sync input
11	HS	Horizontal sync input
12	B7	Blue data(MSB)
13	B6	Blue data
14	B5	Blue data
15	B4	Blue data
16	B3	Blue data
17	B2	Blue data
18	B1	Blue data
19	B0	Blue data(LSB)
20	G7	Green data(MSB)
21	G6	Green data
22	G5	Green data
23	G4	Green data
24	G3	Green data
25	G2	Green data
26	G1	Green data
27	G0	Green data
28	R7	Red data(LSB)
29	R6	Red data
30	R5	Red data
31	R4	Red data
32	R3	Red data
33	R2	Red data
34	R1	Red data
35	R0	Red data(LSB)
36	GND	Power Ground
37	DCLK	Sample clock
38	GND	Power Ground
39	L/R	Left / right selection

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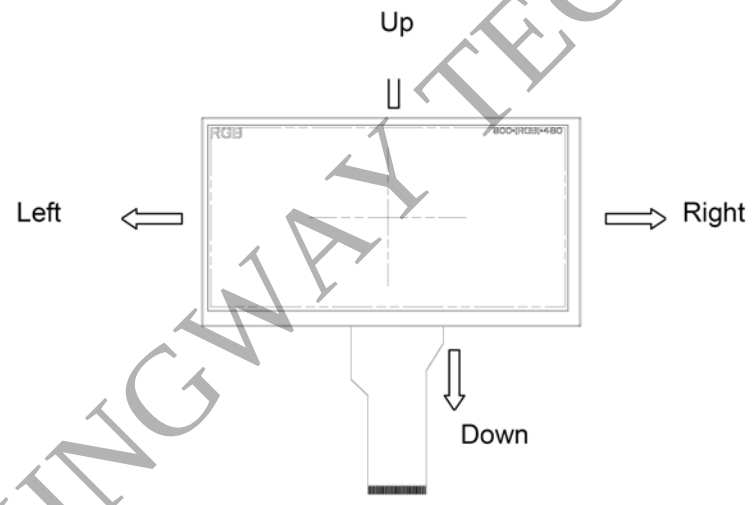
40	U/D	Up/down selection
41	VGH	Gate ON Voltage
42	VGL	Gate OFF Voltage
43	AVDD	Power for Analog Circuit
44	RESET	Global reset pin.
45	NC	No connection
46	VCOM	Common Voltage
47	DITHB	Dithering function
48	GND	Power Ground
49	NC	No connection
50	NC	No connection

Note1: When L/R="0", set right to left scan direction.
When L/R="1", set left to right scan direction.
When U/D="0", set top to bottom scan direction.
When U/D="1", set bottom to top scan direction.



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