

## Mini-LED Display Module

### Features:

- High Brightness Level from 1,000 to 5,000 nits
- Display Size Available from 5" to 65"
- High Contrast RaBo: 100,000:1
- Lower Power Consumption: Reduced by 30% to 50%
- Sunlight Readable



Please scan the QR code to download the detailed specifications.

Part number: EB050-ML1-1106A-20

Product description: 5" mini-LED embedded LCD module

Local dimming zone: 192 zones

Brightness : 2000 nits

LCD: IPS

Resolution : 1024x600 px , Normally Black

Viewing Angle : 80/80/80/80 (Typ.), CR  $\geq$  10

Color depth: 16.7M

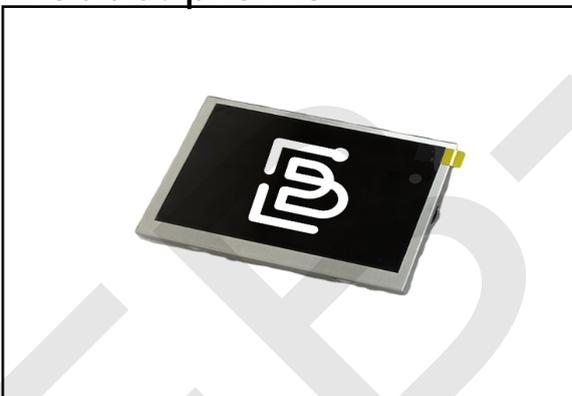
Power consumption: 8 Watt.

Interface: LVDS

Operating temperature:  $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$

Storage temperature:  $-30^{\circ}\text{C} \sim -80^{\circ}\text{C}$

## Product profile



### Perspective



Top View



Bottom View

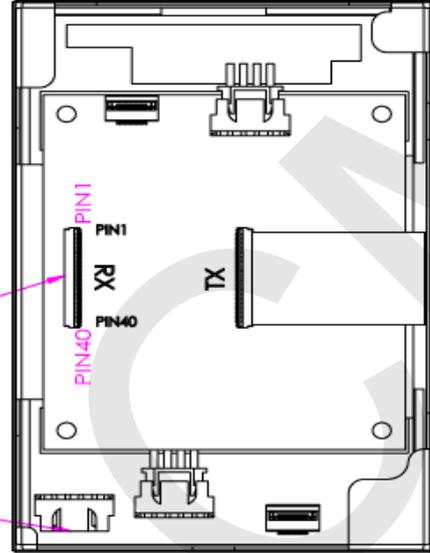
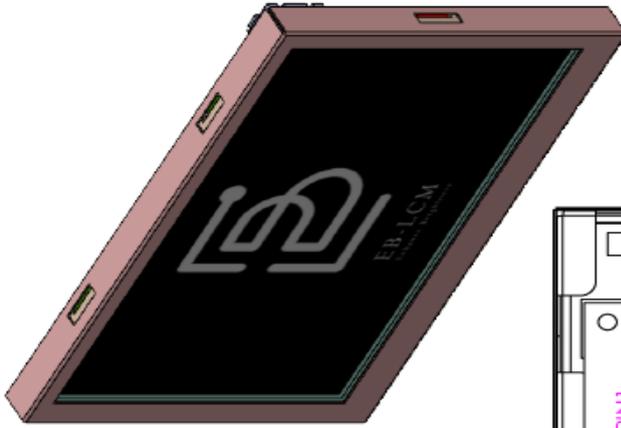
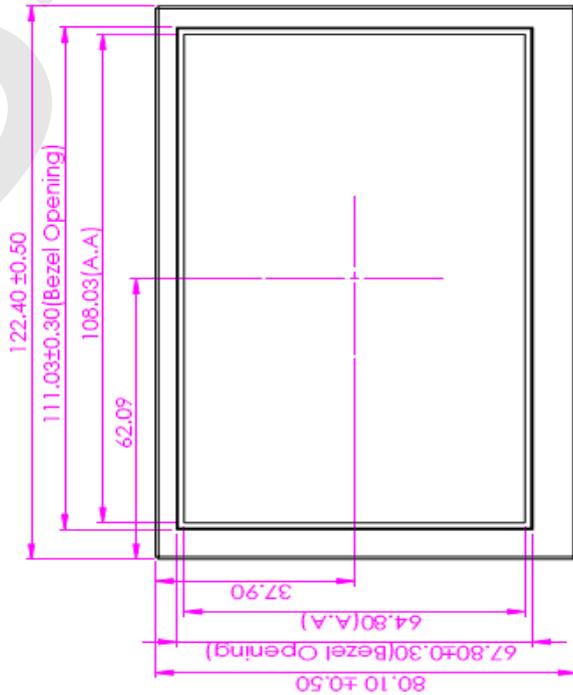


Image input : LVDS IN  
0.5mm 40PIN

XH2.54-4pin  
電源IN 12V

19.86 ± 1.00  
8.50 ± 0.50



PIN NO	Symbol	PIN NO	Symbol	PIN NO	Symbol
1	VCOM	16	GND	31	LEDK
2	VDD	17	RXCLKIN-	32	LEDK
3	VDD	18	RXCLKIN+	33	L/R
4	NC	19	GND	34	U/D
5	RESET	20	RXIN3-	35	VGL
6	STBYB	21	RXIN3+	36	NC
7	GND	22	GND	37	NC
8	RXIN0-	23	NC	37	VGH
9	RXIN0+	24	NC	39	LEDA
10	GND	25	GND	40	LEDA
11	RXIN1-	26	NC		
12	RXIN1+	27	NC		
13	GND	28	SELB		
14	RXIN2-	29	AVDD		
15	RXIN2+	30	GND		

矽洋科技股份有限公司

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