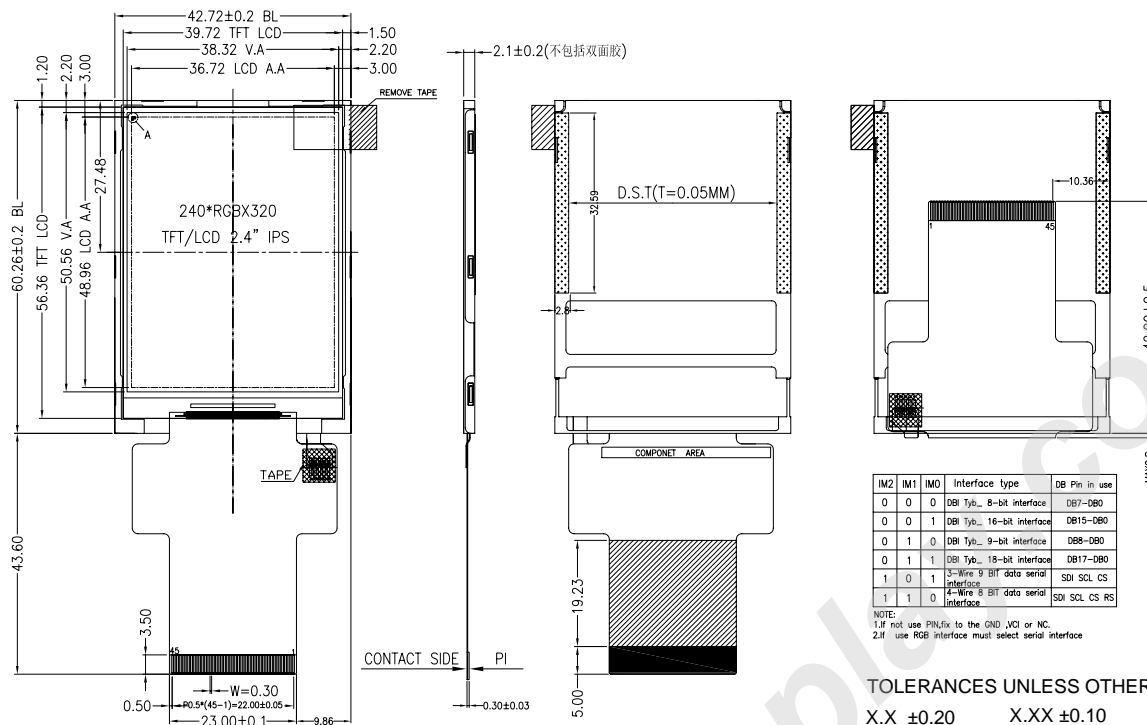


Dimension Drawing



Feature:

1. Resolution is 240 (RGB) x 320 Pixel
2. +3.3V power supply
3. Display Mode is IPS , normally black
4. Display color is 65K/262K colors
5. Input Interface is 8/9/16/18-bits MCU interface
16/18-bits RGB interface ,3-line/4-line serial interface.
6. It could be matched resistive touch panel
7. ROHS compliant

Interface Pin Connections

PIN NO.	Symbol	PIN NO.	Symbol
1	GND	24	DB7
2	VDD	25	DB8
3	VDD	26	DB9
4	IM2	27	DB10
5	IM1	28	DB11
6	IM0	29	DB12
7	RESET	30	DB13
8	CS	31	DB14
9	DC(SCL)	32	DB15
10	WR(RS)	33	DB16
11	RD	34	DB17
12	VSYNC	35	SDO
13	HSYNC	36	LEDA
14	ENABLE	37	LEDA1
15	DOTCLK	38	LEDA2
16	SDA1	39	LEDA3
17	DB0	40	LEDA4
18	DB1	41	NC or TP-XR
19	DB2	42	NC or TP-YU
20	DB3	43	NC or TP-XL
21	DB4	44	NC or TP-YD
22	DB5	45	GND
23	DB6		

Mechanical Data

Item	Standard	Unit
Module dimension	42.72 x 60.26 x 2.1	mm
Active area	36.72 x 48.96	mm
Dots size	0.128 x 0.128	mm
Screen size	2.4 (Diagonal)	inches

Absolute Maximum Rating

Item	Symbol	Standard			Unit
		Min	Typ	Max	
Supply voltage	VDD-VSS	-0.3	---	4.6	V
Supply Voltage (Logic)	VDDI	-0.3	---	4.6	

Electronical Characteristics

Item	Symbol	Condition	Standard			Unit
			Min	Typ	Max	
Input voltage	VCC	+3.0V	2.4	2.75	3.3	V
Viewing angle	θL	9 o'clock	70	80	----	degree
	θR	3 o'clock	70	80	----	degree
	θU	12 o'clock	70	80	----	degree
	θD	6 o'clock	70	80	----	degree
Contrast ratio	CR	Best viewing angle	640	800	----	----
White luminance	ΔL	θ=Φ=0°	400	450	----	cd/m ²
LED forward voltage	VF	25 °C	----	3.2	3.3	V
LED forward current	IF	25 °C Edge	----	80	90	mA
Storage temp.	TOP	----	-20	----	80	°C
Operation temp.	TST	----	-30	----	90	°C