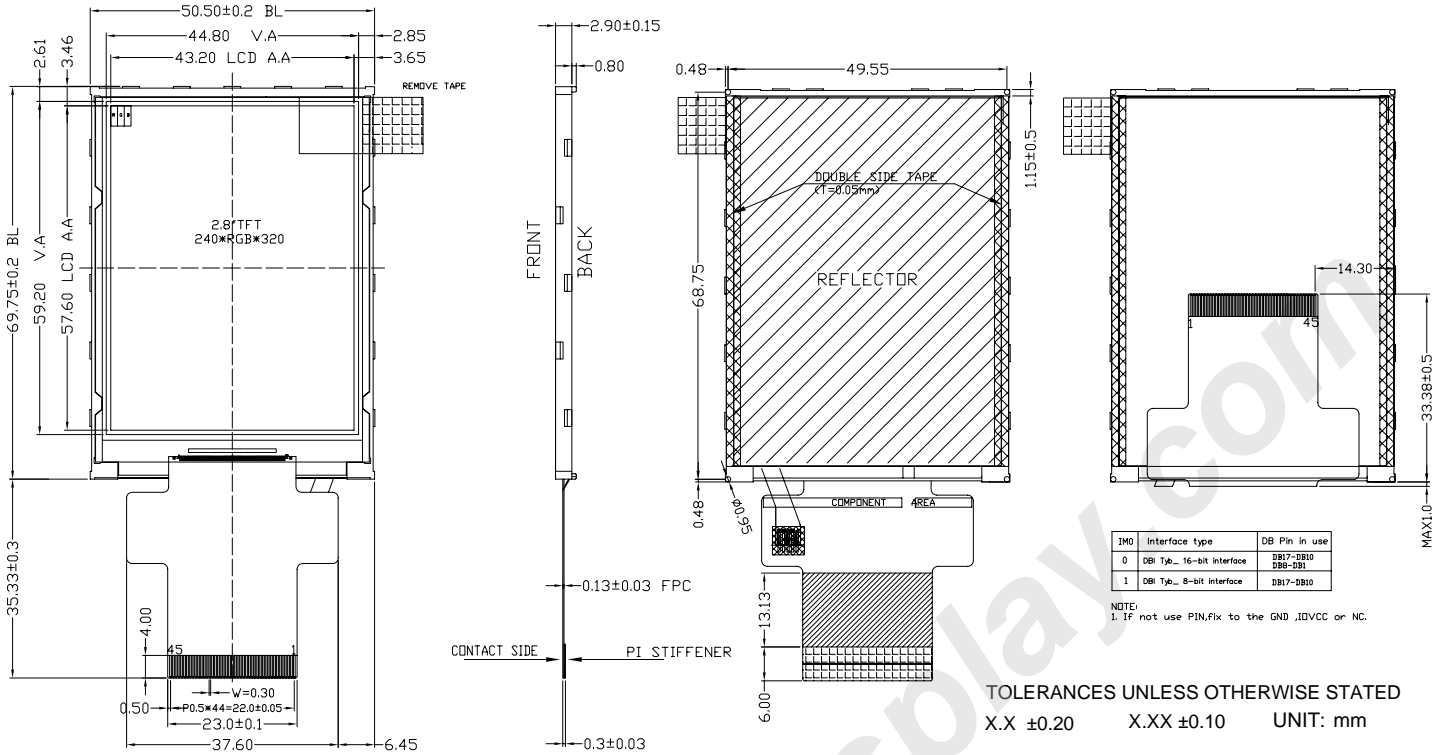


Dimension Drawing



Feature:

1. Resolution is 240 (RGB) x 320 Pixel
2. +3.3V power supply
3. Display Mode is TN, normally white
4. Display color is 65K colors
5. Input Interface is 8-bit or 16-bit MCU/ (SPI, RGB)
6. It could be matched resistive touch panel
7. ROHS compliant

Interface Pin Connections

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

Mechanical Data

Item	Standard	Unit
Module dimension	50.5 x 69.75 x 2.9	mm
Active area	43.2 x 57.6	mm
Dots size	0.153 x 0.153	mm
Screen size	2.8 (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	

Electrical Characteristics

Item	Symbol	Condition	Standard			Unit
			Min	Typ	Max	
Input voltage	VCC	+3.0V	2.4	3.3	4.2	V
Viewing angle		θL 9 o'clock	40	45	----	degree
		θR 3 o'clock	40	45	----	degree
		θU 12 o'clock	45	50	----	degree
		θD 6 o'clock	10	20	----	degree
Contrast ratio	CR	Best viewing angle	400	500	----	----
White luminance	ΔL	θ=Φ=0°	250	300	----	cd/m ²
LED forward voltage	VF	25 °C	----	3.1	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