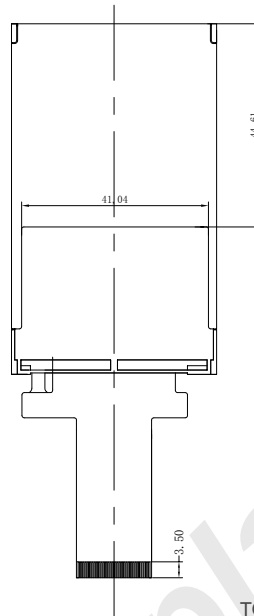
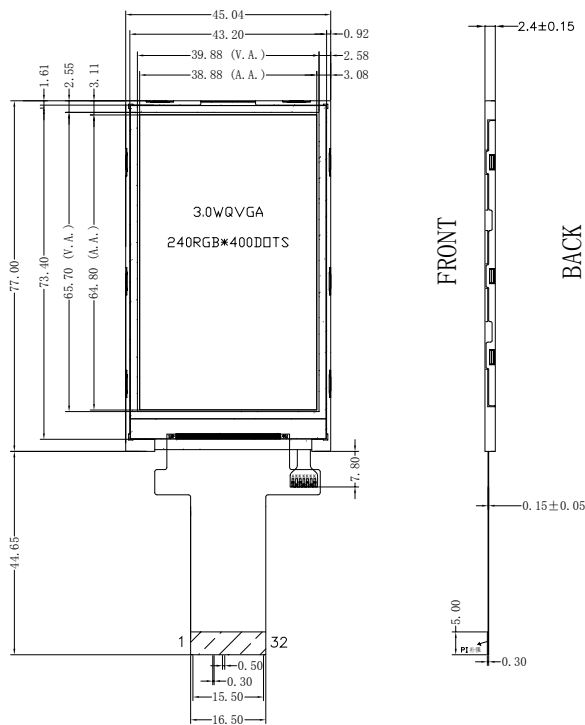


Dimension Drawing



Back View

IMO	Interface type	DB Pin in use
0	DBI Tyb_16-bit interface	DB0-DB15
1	DBI Tyb_8-bit interface	DB8-DB15

TOLERANCES UNLESS OTHERWISE STATED
X.X ±0.20 X.XX ±0.10 UNIT: mm

Feature:

1. Resolution is 240 (RGB) x 400 Pixel
2. +3.3V power supply
3. Display Mode is TN, normally white
4. Display color is 65K/262K colors
5. Input Interface is 8-bits, 9-bits, 16-bits, 18-bits MCU interface
6. It could be matched resistive touch panel
7. ROHS compliant

Interface Pin Connections

PIN NO.	Symbol	PIN NO.	Symbol
1	GND	17	DB8
2	IOVCC	18	DB9
3	VCC	19	DB10
4	TE	20	DB11
5	CS	21	DB12
6	RS	22	DB13
7	WR	23	DB14
8	RD	24	DB15
9	DB0	25	REST
10	DB1	26	GND
11	DB2	27	LEDA
12	DB3	28	LEDK1
13	DB4	29	LEDK2
14	DB5	30	LEDK3
15	DB6	31	LEDK4
16	DB7	32	IMO

Mechanical Data

Item	Standard	Unit
Module dimension	45.04 x 77.00 x 2.6	mm
Active area	38.88 x 64.80	mm
Dots size	0.153 x 0.153	mm
Screen size	3.0 (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	2.5	2.75	4.2	V
Viewing angle	θL	9 o'clock	65	75	----	degree
	θR	3 o'clock	65	75	----	degree
	θU	12 o'clock	70	75	----	degree
	θD	6 o'clock	50	55	----	degree
Contrast ratio	CR	Best viewing angle	450	500	----	----
White luminance	ΔL	θ=Φ=0°	280	320	----	cd/m ²
LED forward voltage	VF	25°C	2.9	3.1	3.3	V
LED forward current	IF	25°C Edge	----	60	80	mA
Storage temp.	TOP	----	-20	----	80	°C
Operation temp.	TST	----	-30	----	90	°C