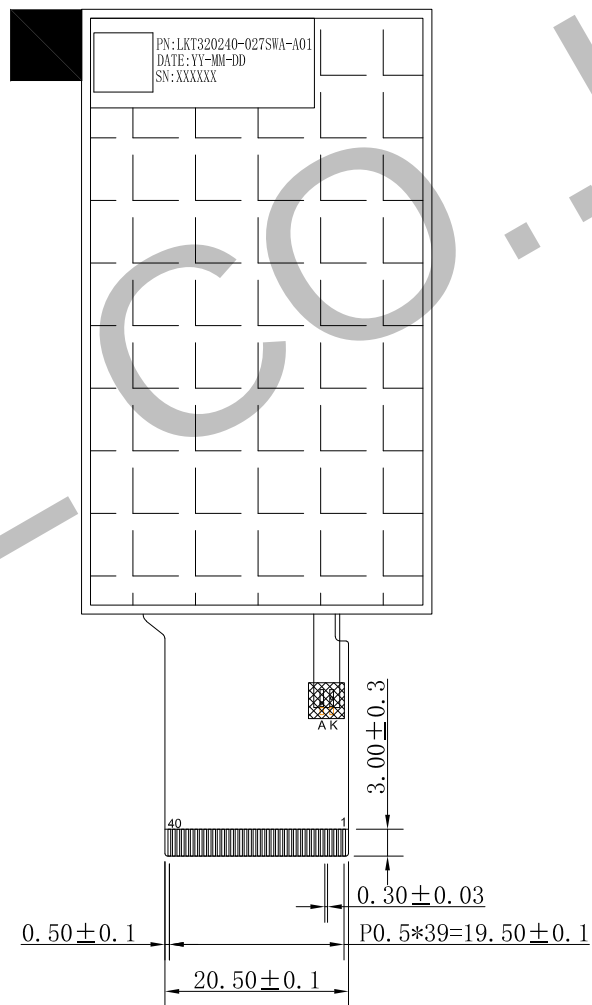
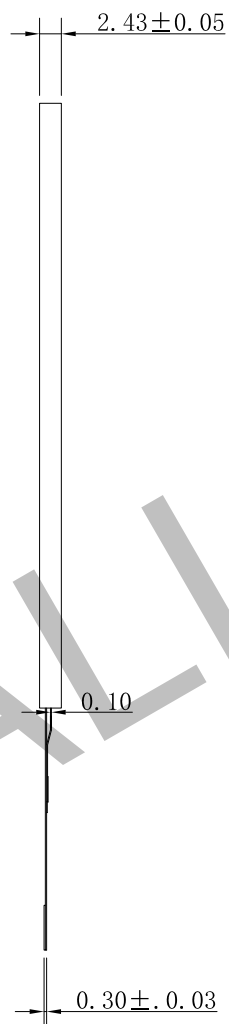
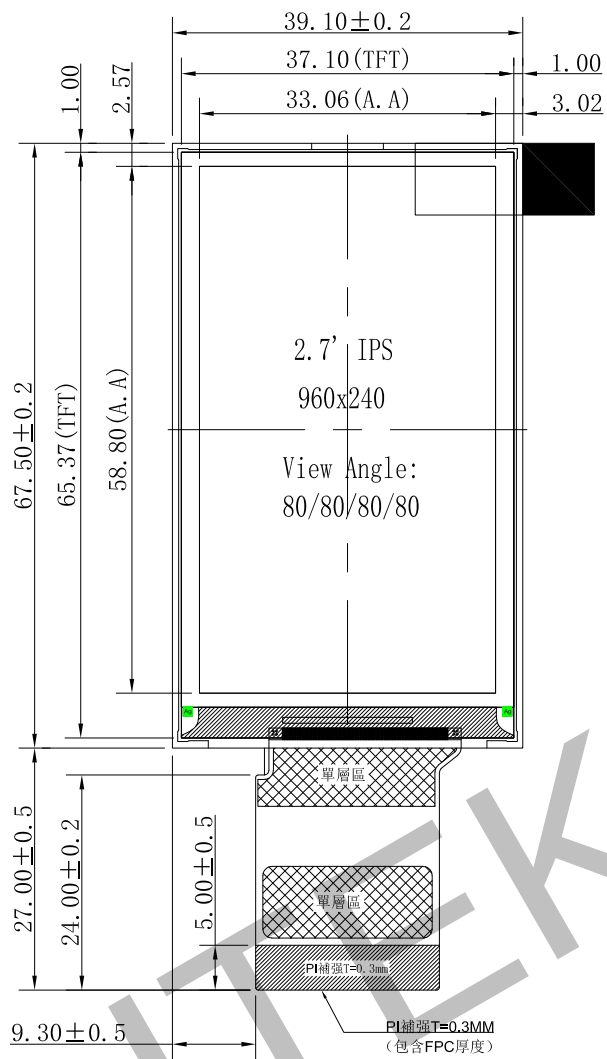




PIN ASSIGNMENT		PIN ASSIGNMENT	
NO.	SYMBOL	NO.	SYMBOL
21	V1P	1	VCOM
22	DVDD	2	LEDK
23	VDDIO	3	LEDA
24	VDD	4	DRV
25	GND	5	VCAC
26	DB0	6	COMDC
27	DB1	7	FRP
28	DB2	8	AGND
29	DB3	9	VGL
30	DB4	10	VGH
31	DB5	11	V4M
32	DB6	12	V4P
33	DB7	13	VINT3
34	DLCK	14	VINT4
35	VSNC	15	V3M
36	HSYNC	16	V3P
37	SCL	17	VINT1
38	SDA	18	V2M
39	CS	19	V2P
40	VCOM	20	V1N

*Unit:mm

General specification

Item	specifications	Unit
Active screen size	2.7 inch Diagonal	-
Display resolution	320x RGB x 240	pixel
Module size (W x H x T)	67.5 ×39.1 ×2.43	mm
Active area (W x H)	58.8x33.06	mm
Pixel pitch (W×H)	0.1837 x 0.1377	mm
Interface	RGB 8 BIT interface	-
Module weight	TBD±10%	g
Our components and processes are compliant to RoHS standard.		

Item	specifications
LCD type	a-Si TFT
LCD mode	IPS / Normally black
Polarizer mode	Transmissive
Pixel arrangement	RGB-stripe
Backlight type	LED
Viewing direction(Gray inversion)	ALL

Interface pin

Pin No.	Symbol	Function
1	VCOM	Common electrode driving voltage
2	LEDK	LED power cathode pin
3	LEDA	LED power anode pin
4	DRV	Power transistor signal for back light power boost converter
5	VCAC	Power setting capacitor for VCOM AC
6	COMDC	VCOM DC voltage output pin
7	FRP	Frame polarity output for panel VCOM
8	AGND	Ground pin for analog circuits
9	VGL	Power setting capacitor connect pin
10	VGH	Power setting capacitor connect pin
11	V4M	Capacitor connect pin for internal charge pump
12	V4P	Capacitor connect pin for internal charge pump
13	VINT3	Power setting capacitor connect pin
14	VINT4	Power setting capacitor connect pin
15	V3M	Capacitor connect pin for internal charge pump
16	V3P	Capacitor connect pin for internal charge pump
17	VINT1	Power setting capacitor connect pin
18	V2M	Capacitor connect pin for internal charge pump
19	V2P	Capacitor connect pin for internal charge pump
20	V1N	Capacitor connect pin for internal charge pump
21	V1P	Capacitor connect pin for internal charge pump
22	DVDD	Power setting capacitor connecting pin
23	VDDIO	Power Supply For I/O.
24	VDD	Power Supply For LCD.
25	GND	Ground
26	DB0	Data bus
27	DB1	Data bus
28	DB2	Data bus
29	DB3	Data bus
30	DB4	Data bus
31	DB5	Data bus
32	DB6	Data bus
33	DB7	Data bus
34	DCLK	Dot clock signal for RGB interface operation.
35	VSYNC	Frame synchronous signal for RGB interface operation.
36	HSYNC	Line synchronous signal for RGB interface operation.
37	SCL	Serial command clock input
38	SDA	Serial command data input
39	CS	Serial communication chip select
40	VCOM	Common electrode driving voltage