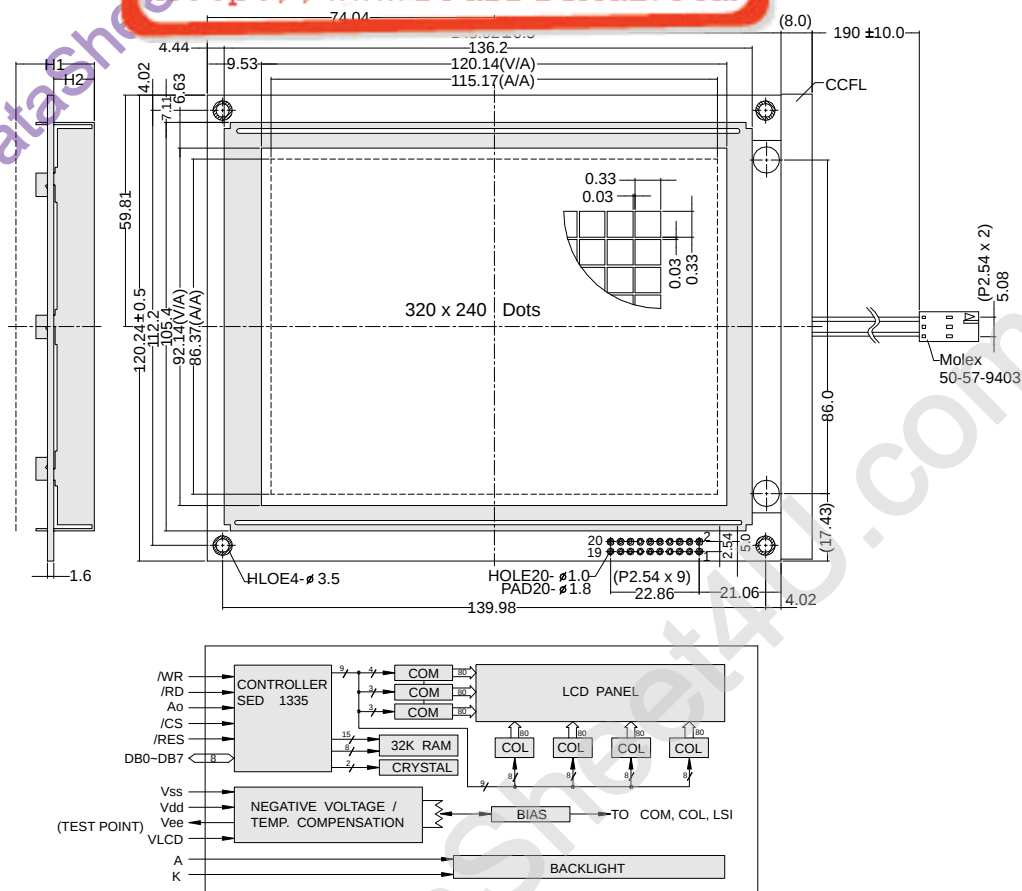


PG 320240-D



液晶之友 电话: 020-33819057
Http://www.lcdfriends.com

OUTLINE DIMENSION & BLOCK DIAGRAM



The tolerance unless classified $\pm 0.3\text{mm}$

MECHANICAL SPECIFICATION

MECHANICAL SPECIFICATION			
Overall Size	148.02 x 120.24	Module	H2 / H1
View Area	120.14 x 92.14	W / O B/L	- / -
Dot Size	0.33 x 0.33	EL B/L	- / -
Dot Pitch	0.36 x 0.36	LED CCE/L B/L	10.5 / 20.3

PIN ASSIGNMENT

PIN ASSIGNMENT		
Pin no.	Symbol	Function
1	V _{SS}	Power supply(GND)
2	V _{DD}	Power supply(+)
3	V _{LCD}	Contrast Adjust
4	$\overline{RD}$	Data Read
5	$\overline{WR}$	Data Write
6	A ₀	Command / Data select
7~14	DB0~DB7	Data bus line
15	$\overline{CS}$	Chip select
16	$\overline{RST}$	Reset
17	V _{ee}	Negative voltage input
18	FG	Frame Ground
19/20	NC	No Connection

ABSOLUTE MAXIMUM RATING

ABSOLUTE MAXIMUM RATING					
Item	Symbol	Condition	Min.	Max.	Units
Supply for logic voltage	Vdd-Vss	25°C	-0.3	7.0	V
LCD driving supply voltage	Vdd-Vee	25°C	0	35.0	V
Input voltage	Vin	25°C	-0.3	Vdd+0.3	V

ELECTRICAL CHARACTERISTICS

ELECTRICAL CHARACTERISTICS									
Item	Symbol	Condition	Min.		Typical		Max.		Units
Power supply voltage	Vdd-Vss	25°C	4.5		—		5.5		V
LCD operation voltage	Vop	Top	N	W	N	W	N	W	V
		-20°C	—	—	—	—	—	—	V
		0°C	—	—	26.4	—	—	—	V
		25°C	—	—	24.8	—	—	—	V
		50°C	—	—	24.2	—	—	—	V
		70°C	—	—	—	—	—	—	V
LCM current consumption (No B/L)	Idd	Vdd=5V	—		50		—		mA
Backlight current consumption	LED/edge	VB/L=4.2V	—		200		—		mA
	LED/white	VB/L=3.5V			160		—		mA

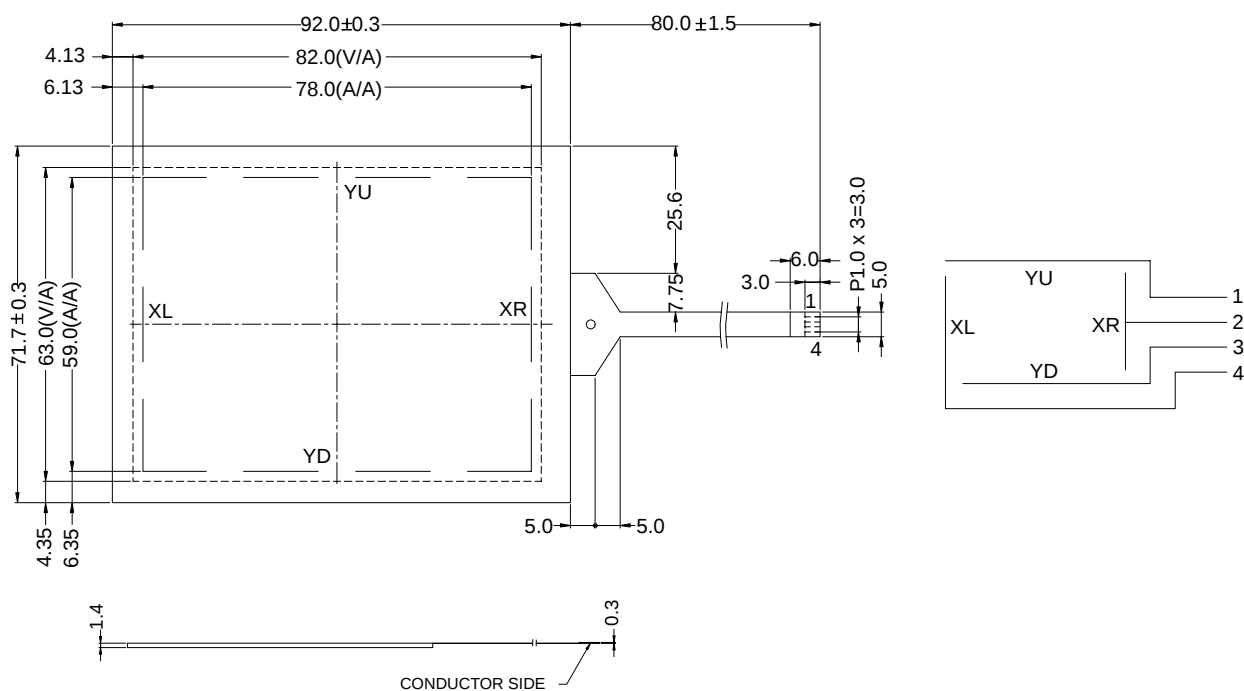
REMARK

LCD option: STN, TN, FSTN

Backlight Option: LED,EL Backlight feature, other Specs not available on catalog is under request.

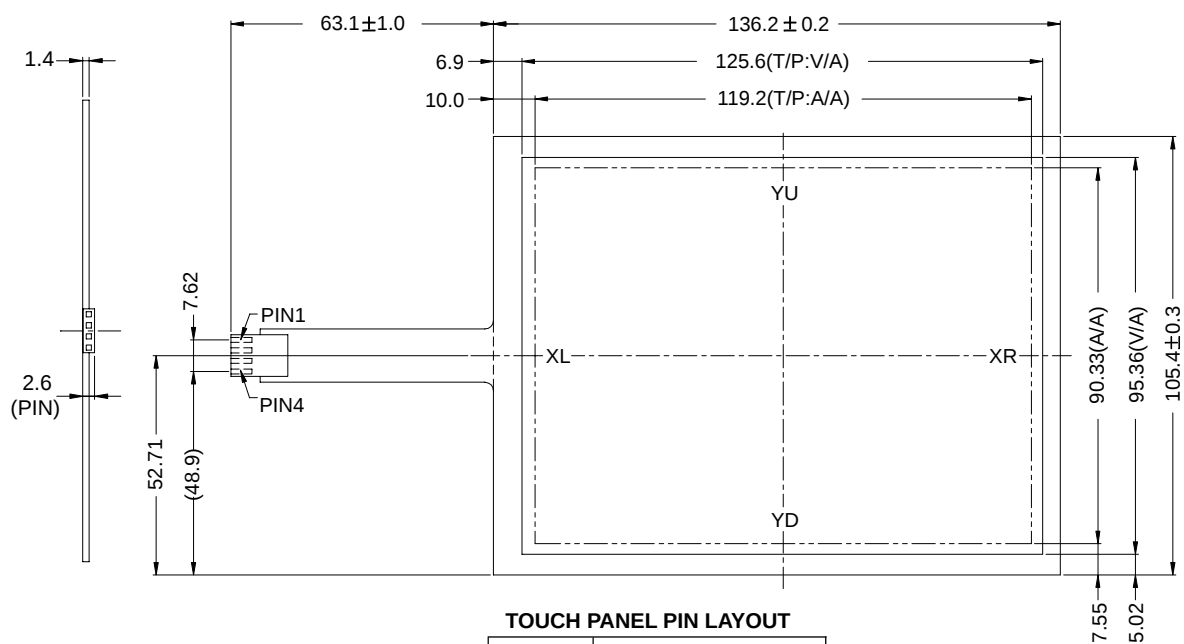
OUTLINE DIMENSION & BLOCK DIAGRAM

◆For PG 320240-H



The tolerance unless classified $\pm 0.2\text{mm}$

◆For PG 320240-D



TOUCH PANEL PIN LAYOUT

PIN NO.	SYMBOL
1	YU
2	YD
3	XL
4	XR

The tolerance unless classified $\pm 0.2\text{mm}$

