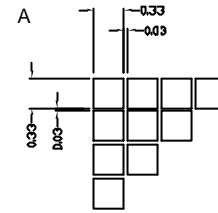
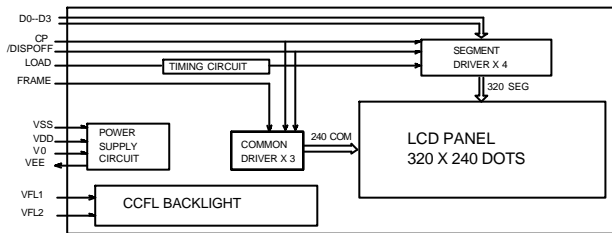
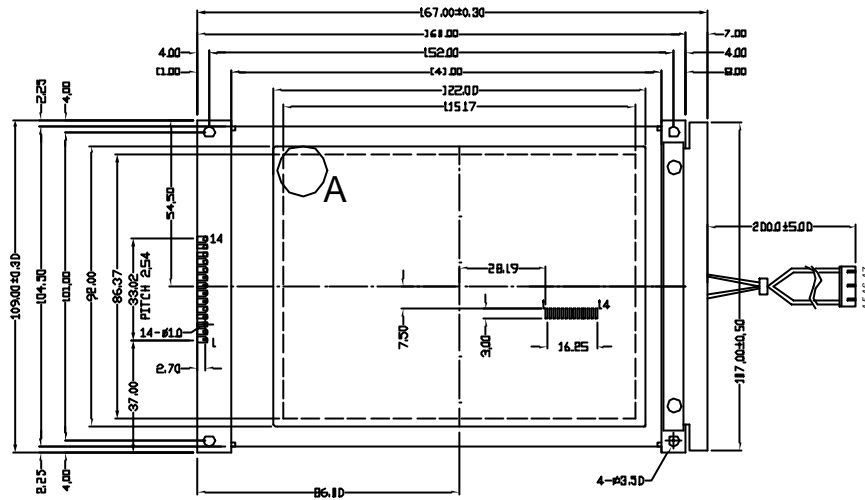


320x240
DOTS

OPTIONS

- * LCD PANEL
STN
FSTN
- * View Angle
6H
- * Backlight
CCFL



MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATION	UNIT
Overall Size	167.0Wx109.0Hx12.0T	mm
Viewing Area	122.0Wx92.0H	mm
Dot Number	320Wx240H	
Dot Size	0.33Wx0.33H	mm
Dot Pitch	0.36Wx0.36H	mm

PIN ASSIGNMENT

PIN	SYMBOL	FUNCTION
1-4	D0-D3	DISPLAY DATA INPUT
5	/DISPOFF	DISPLAY OFF CONTROL
6	FRAME	FRAME SIGNAL FOR SYNCHRONIZATION
7	NC	NO CONNECT
8	LOAD(CL1)	DATA LATCH CLOCK
9	CP(CL2)	DATA SHIFT CLOCK
10	VDD	POWER SUPPLY
11	VSS	POWER SUPPLY
12	VEE	NEGATIVE VOLTAGE INPUT/OUTPUT
13	V0	DRIVING VOLTAGE FOR LCD
14	FG	FRAME GROUND

PIN	SYMBOL	FUNCTION
15	VFL1	Power Supply For CCFL
16	NC	Power Supply(+5V)
17	VFL2	Power Supply For CCFL

ABSOLUTE MAXIMUM RATINGS

ITEM	SYMBOL	MIN.	MAX.	UNIT
Power Supply (Logic)	Vdd	-0.3	7.0	V
Power Supply (LCD)	Vo	Vdd-30.0	Vdd+0.3	V
Input Voltage	Vi	-0.3	Vdd	V
Operating Temperature	Topr	0	50	°C
Storage Temperature	Tstg	-20	70	°C

ELECTRICAL CHARACTERISTICS(Ta=25°C, Vdd=5V±0.25V)

ITEM	SYMBOL	MIN.	MAX.	UNIT	
Power Supply(Logic)	Vdd	4.5	5.0	5.5	V
Supply Current	Idd	—	11.9	20	mA
LCD Driving Voltage	Vdd-Vo	23.7	24.9	26.1	V
Input Voltage "H"	Vih	2.2	—	Vdd	V
Input Voltage "L"	Vil	—	—	0.6	V
Output Voltage "H"	Voh	2.4	—	—	V
Output Voltage "L"	Vol	—	—	0.4	V