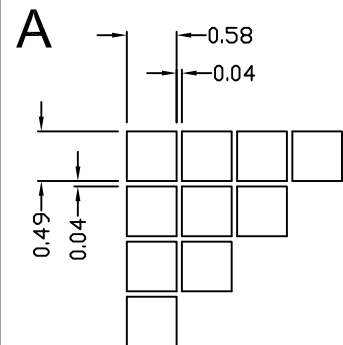
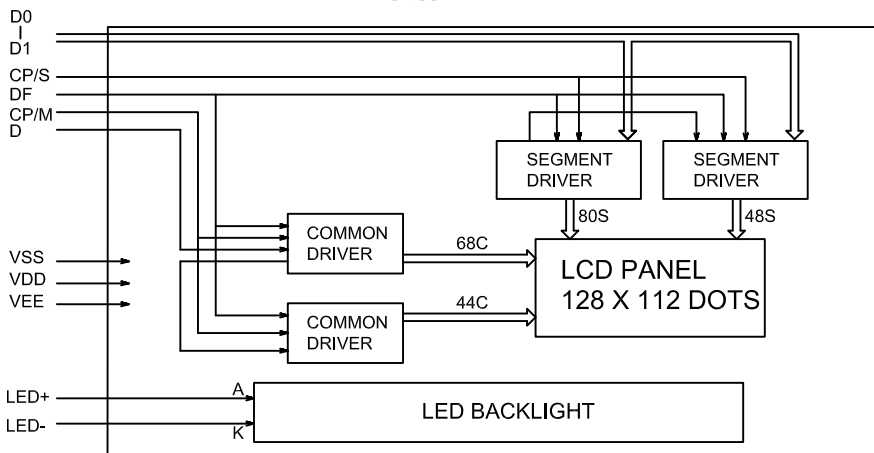
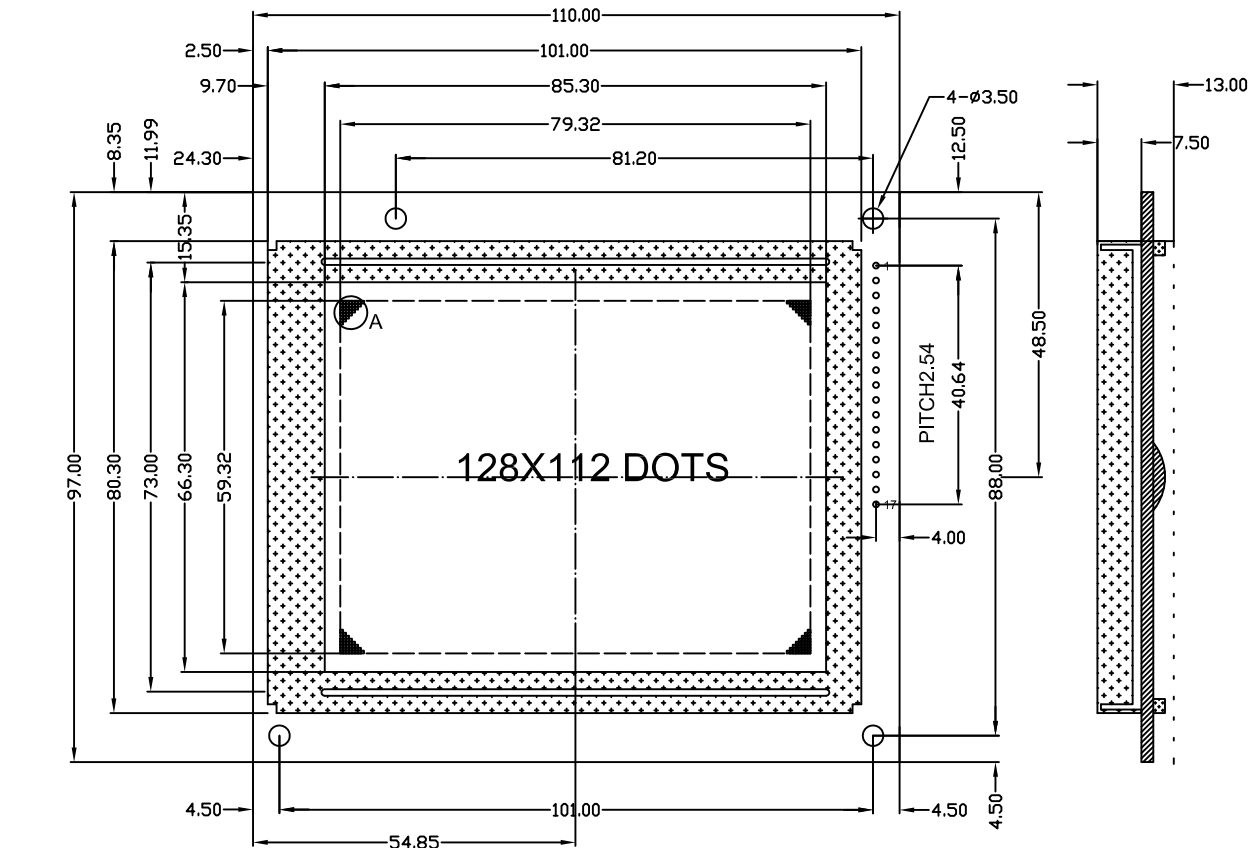


LINK-SUN (HONG KONG) ELECTRONICS LTD

Model No: LSM128112-1



PINS ASSIGNMENT		
NO.	SYMBOL	DESCRIPTION
1	A	POWER SUPPLY FOR LED B.L.(+5.0V)
2	VEE	NEGATIVE VOLTAGE INPUT(-10V)
3	VDD	POWER SUPPLY FOR LOGIC AND LCD
4	VSS	GROUND
5	VSS	GROUND
6	K-CTRL	BACKLIGHT ON/OFF CONTROL
7	FLM	DATA INPUT FOR COMMAND DRIVER
8	M	ALTERNATE VOLTAGE INPUT
9	LP	LATCH PULSE
10	CP	SHIFT PULSE
11-14	DB0-DB3	DATA BUS
15	NC	NO CONNECTION
16	NC	NO CONNECTION
17	NC	NO CONNECTION

OPTIONS	
1.	LCD TYPE: Y/G STN, TRANSLFECTIVE
2.	BACKLIGHT: LED
3.	COLOR OF BACKLIGHT: YELLOW/GREEN
4.	TEMPERATURE RANGE: EXTENDED(-20-70C)
5.	POWER SUPPLY: 5.0V
6.	VIEWING ANGLE: 6H

ELECTRICAL CHARACTERISTICS					
ITEM	SYMBOL	MIN	TYP	MAX	UNIT
VOLTAGE FOR LOGIC	VDD-VSS	4.75	5.0	5.25	V
SUPPLY CURRENT	IDD	-	5.1	9.8	mA
LCD OPERATING VOLTAGE	VDD-V0	0°C	-	-	V
		25°C	-	14.5	V
		40°C	-	-	V
INPUT VOLTAGE	H	ViH	0.7VDD	VDD	V
	L	ViL	0	0.3VDD	V
VOLTAGE FOR LED BL	VA-VSS	4.0	4.10	4.40	V

MECHANICAL SPECIFICATIONS		
ITEM	SPECIFICATION	UNIT
OVERALL SIZE	110.0W x 97.0H x 13.0T	MM
VIEWING AREA	85.3W x 66.3H	MM
DOT NUMBER	128 x 112	DOTS
DOT SIZE	0.59W x 0.50H	MM
DOT PITCH	0.63W x 0.54H	MM

ABSOLUTE MAXIMUM RATING				
ITEM	SYMBOL	MIN	MAX	UNIT
POWER SUPPLY(LOGIC)	VDD-VSS	0	5.5	V
POWER SUPPLY(LCD DRV.)	VDD-VEE	0	28.0	V
INPUT VOLTAGE	Vi	Vi	VDD	V