

REVISIONS			
NO.	DATE	BY	DESCRIPTION
1	01/06/18	A/CH	NEW RELEASE

PINS ASSIGNMENT			
NO.	SYMBOL	NO.	SYMBOL
1	FG	21	K
2	VSS	22	NC
3	VDD	23	SDATA
4	V0	24	CDATA
5	RS	25	M
6	RW	26	CL1
7	E	27	CL2
8-15	DB0-DB7	28	NC
16	/CS	29	VDD
17	/RES	30	VSS
18	VEE	31	V0
19	NC	32	VEE
20	A	33,34	A/K

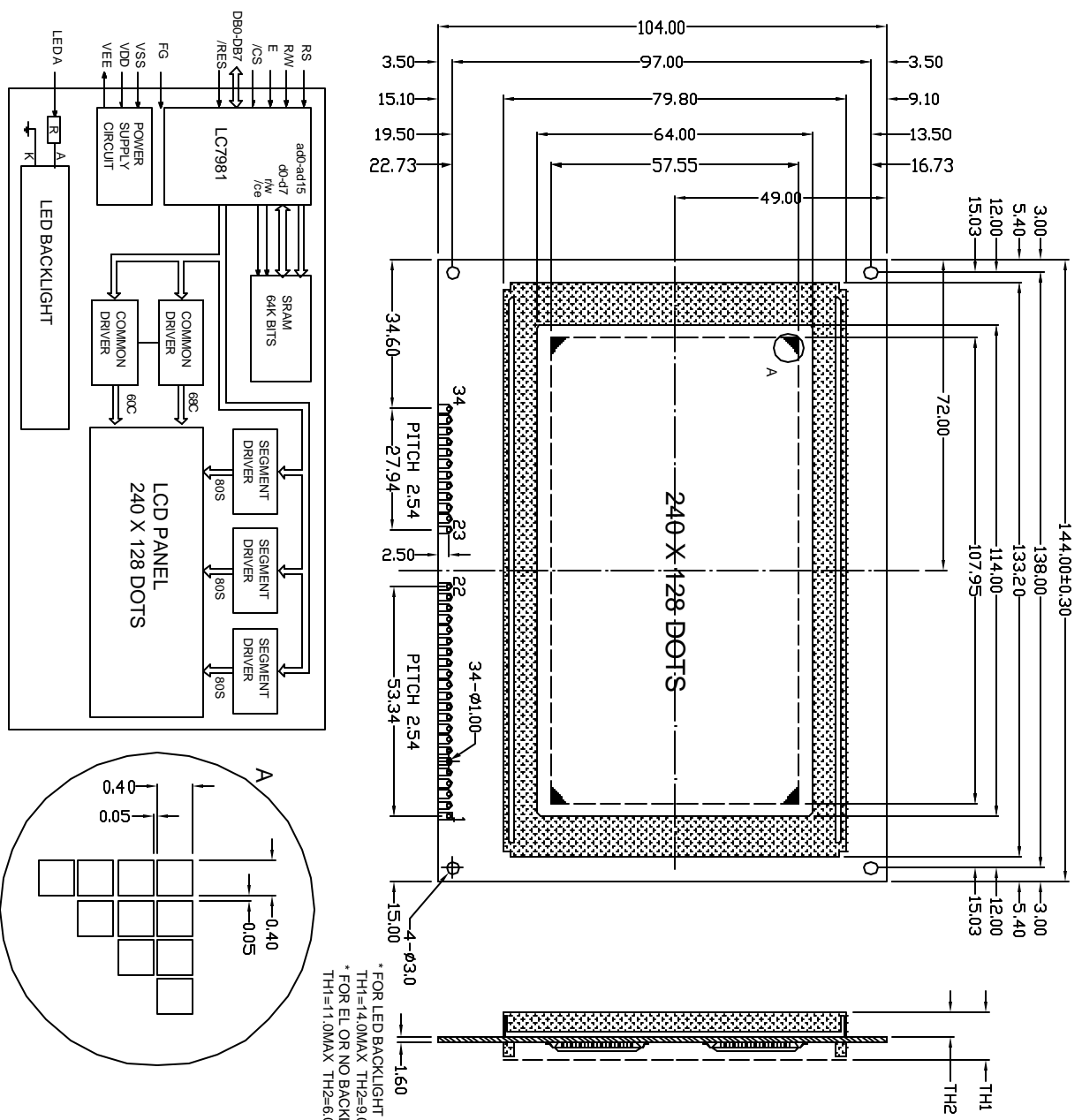
ABSOLUTE MAXIMUM RATING			
ITEM	SYMBOL	MIN	MAX
POWER SUPPLY (LOGIC)	VDD-VSS	0	6.5
POWER SUPPLY (CD/DRV)	VDD-V0	0	18.0
INPUT VOLTAGE	VI	VI	VDD

ELECTRICAL CHARACTERISTICS			
ITEM	SYMBOL	MIN	MAX
VOLTAGE FOR LOGIC	VDD-VSS	4.75	5.0
SUPPLY CURRENT	IDD	-	12.0
LCD OPERATING VOLTAGE	VDD-V0	16.0	18.0
INPUT VOLTAGE	VI	0.7VDD	VDD

MECHANICAL SPECIFICATIONS		
ITEM	SPECIFICATION	UNIT
OVERALL SIZE	144.0W x 104.0H x 14.0T(T1.10T)	MM
VIEWING ANGLE	133.2Wx64.0H	MM
DOT NUMBER	240 x 128	DOTS
DOT SIZE	0.40W x 0.40H	MM
DOT PITCH	0.45W x 0.45H	MM

OPTIONS	
1. LCD TYPE:	YG:STN, GRAY:STN, BW:FTN
2. BACKLIGHT:	WITHOUT BACKLIGHT, LED, EL, CCFL
3. COLOR OF BACKLIGHT:	Y/G: BLUE, WHITE
4. TEMPERATURE RANGE:	NORMAL(0-50C)
5. POWER SUPPLY:	ON BOARD DC/DC(SINGLE 5.0V), DUAL POWER SUPPLY(5.0V & 10.0V)
6. VIEWING ANGLE:	6H: 12H

* FOR LED BACKLIGHT
 TH1=14.0MAX TH2=6.0MAX
 * FOR EL OR NO BACKLIGHT
 TH1=11.0MAX TH2=6.0MAX



NT-G2401283A

240 X 128 DOTS GRAPHIC LCM



ALL DIMENSIONS ARE IN MM. TOLERANCE IS +/-0.2 UNLESS OTHERWISE NOTED.