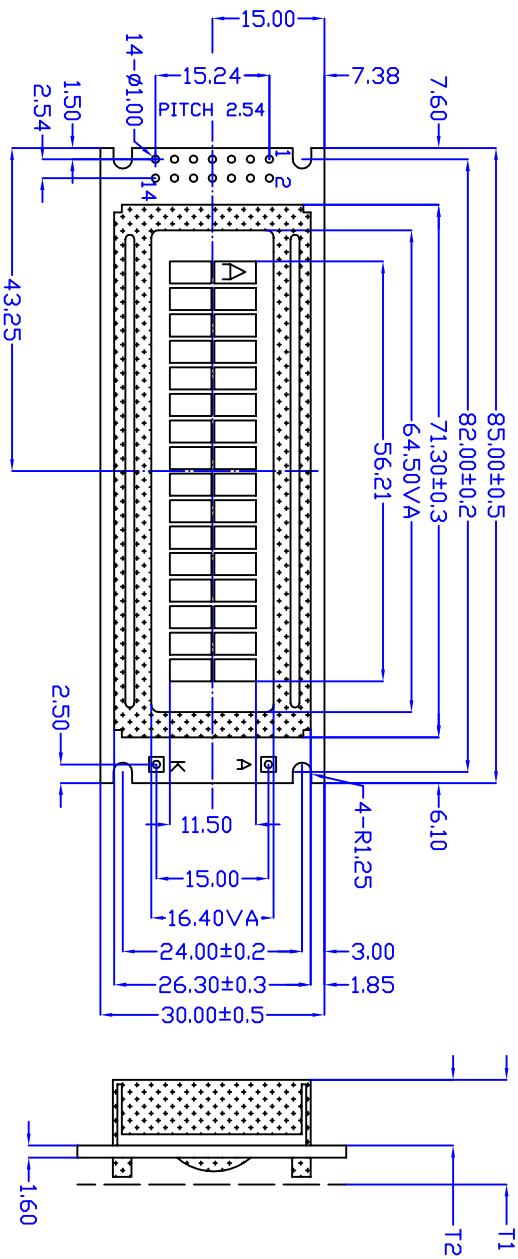
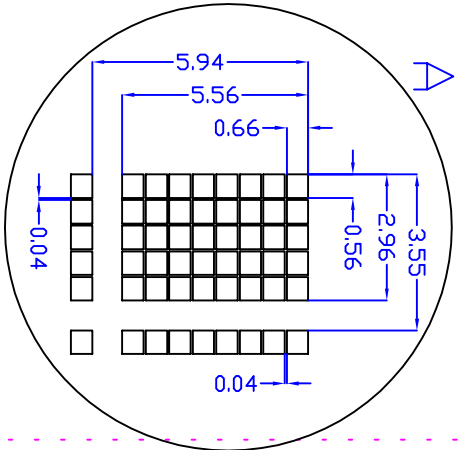
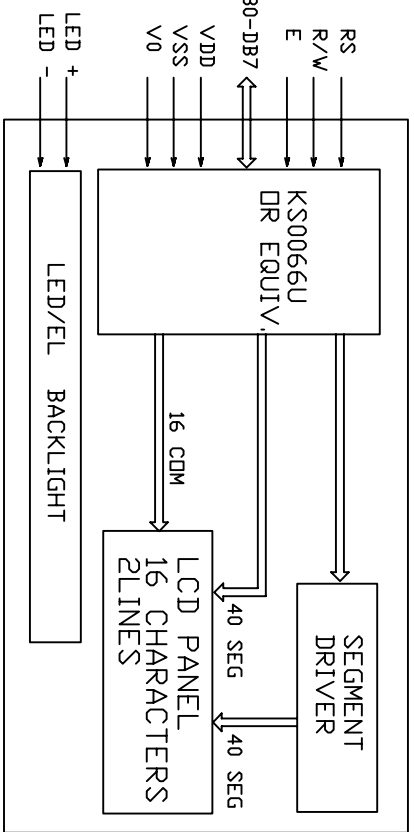




* FOR LED BACKLIGHT
T1=14.0MAX T2=9.0±0.3
* FOR EL OR ND BACKLIGHT
T1=10.0MAX T2=5.0±0.3



PINS ASSIGNMENT		
NO.	SYMBOL	DESCRIPTION
1-8	DB7--DB0	DATA BUS 1-DB7,.8-DB0
9	E	ENABLE SIGNAL
10	R/W	READ/WRITE CONTROL
11	RS	DATA/INSTRUCTION SELECT
12	V0	OPERATING VOLTAGE FOR LCD
13	VSS	POWER SUPPLY
14	VDD	POWER SUPPLY FOR LED BACKLIGHT (+)
K		POWER SUPPLY FOR LED BACKLIGHT (-)

ABSOLUTE MAXIMUM RATING				
ITEM	SYMBOL	MIN	MAX	UNIT
POWER SUPPLY(VDDIC)	VDD-VSS	-0.3	7.0	V
POWER SUPPLY(VDD DRV)	VDD-V0	-0.3	13.5	V
INPUT VOLTAGE	VI	-0.3	VDD	V

ELECTRICAL CHARACTERISTICS (VDD=5.0±0.25V, 25°C)				
ITEM	SYMBOL	MIN	TYP	MAX
VOLTAGE FOR LOGIC(VDD-VSS)	4.75	5.0	5.25	V
SUPPLY CURRENT	IDD	-	1.3	2.2
VOLTAGE FOR LCD	VDD-V0	-	4.7	-
INPUT VOLTAGE	H VIH	2.2	-	VDD
	L VIL	-0.3	-	0.6
OUTPUT VOLTAGE	H VoH	2.4	-	-
	L VOL	-	-	0.4
BACKLIGHT VOLTAGE	VA-VK	-	4.1	4.3

MECHANICAL SPECIFICATIONS		
ITEM	SPECIFICATION	UNIT
OVERALL SIZE	85.0W x 30.0H x 14.0T(10.0T)	MM
VIEWING AREA	64.5V x 16.4H	MM
CHARACTERS	16 CHARACTERS x 2 LINES	MM
CHARACTER SIZE	2.96V x 5.56H	MM
CHARACTER PITCH	3.55V x 5.94H	MM

OPTIONS	
1. LCD TYPE:	Y/G STN, GRAY STN, TN
2. BACKLIGHT, WITHOUT BACKLIGHT, LED, EL	
3. COLOR OF BACKLIGHT: Y/G, BLUE, WHITE	
4. TEMPERATURE RANGE: NORMAL(0--50C)	
5. POWER SUPPLY: 5.0V, 3.0V	
6. VIEWING ANGLE: 6H, 12H	
7. CHARACTER TABLE: JAPANESE, EUROPEAN, CYRILLIC	

REVISIONS			DESCRIPTION
NO.	DATE	BY	
1	01/09/07	A.CH	NEW RELEASE

NT-C1628A

16 CHARACTERS X 2 LINES



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

NELY, YOUR SUPPLIER, AND YOUR PARTNER!