

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

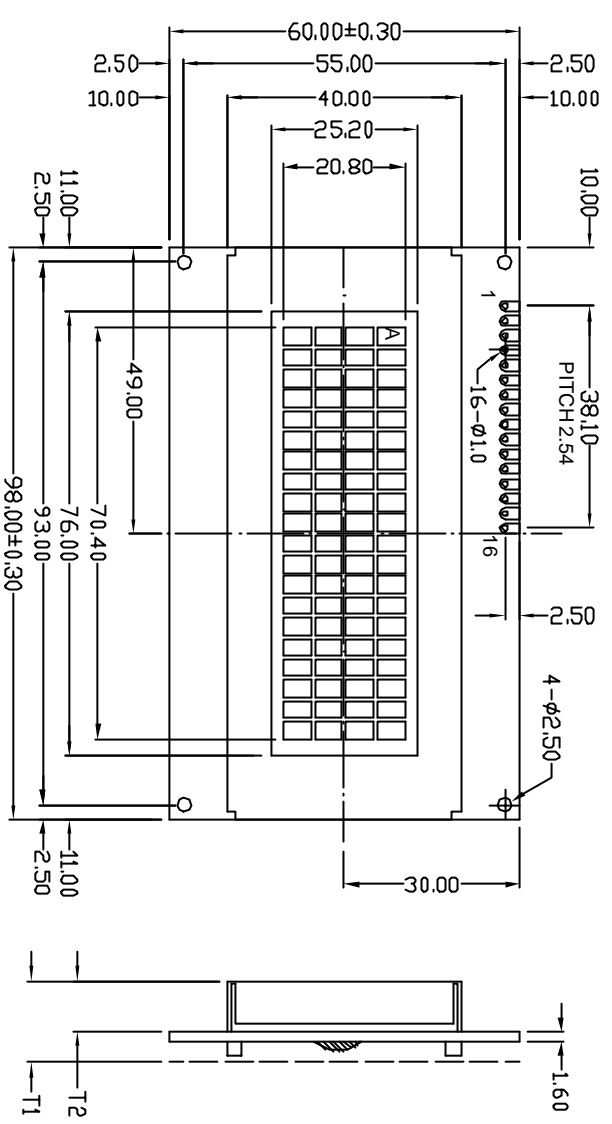
PINS ASSIGNMENT	
NO.	SYMBOL DESCRIPTION
1	VSS POWER SUPPLY
2	VDD POWER SUPPLY
3	V0 OPERATING VOLTAGE FOR LCD
4	RS DATA/INSTRUCTION SELECT
5	R/W READ/WRITE CONTROL
6	E ENABLE SIGNAL
7-14	DB0-DB7 DATA BUS
15	LED + POWER SUPPLY FOR LED BACKLIGHT (+)
16	LED - POWER SUPPLY FOR LED BACKLIGHT (-)

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

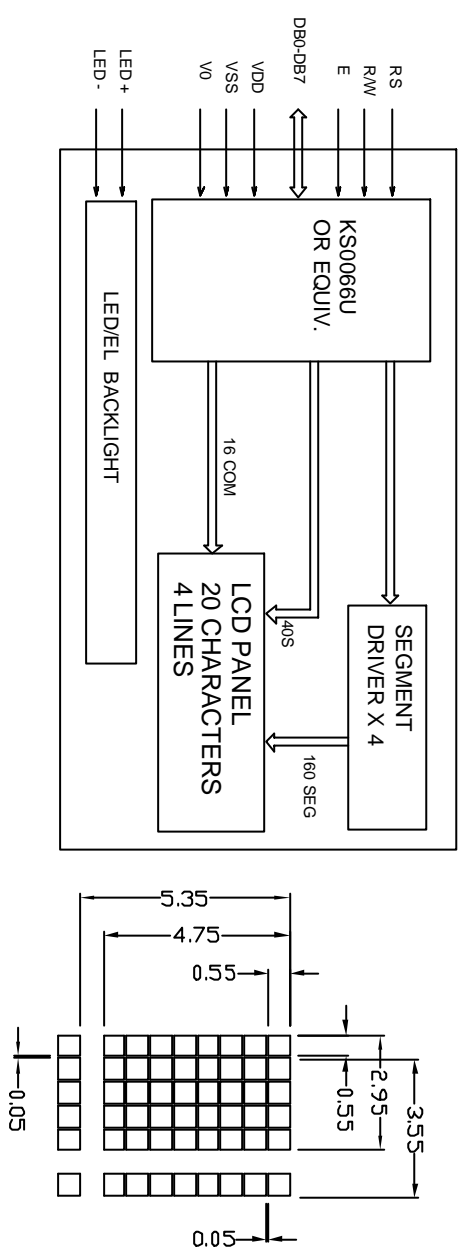
ELECTRICAL CHARACTERISTICS (VDD=5.0±0.25V, 25°C)					
ITEM	SYMBOL	MIN	TYP	MAX	UNIT
VOLTAGE FOR LOGIC	VDD-VSS	4.75	5.0	5.25	V
SUPPLY CURRENT	IDD	-	1.0	2.2	mA
VOLTAGE FOR LCD	VDD-V0	4.7	4.9	5.1	V
INPUT VOLTAGE	VH	2.2	-	VDD	V
	VL	-0.3	-	0.6	V
OUTPUT VOLTAGE	H	2.4	-	-	V
	L	-	-	0.4	V

MECHANICAL SPECIFICATIONS		
ITEM	SPECIFICATION	UNIT
OVERALL SIZE	98.0W x 60.0H x 14.0T (T0.0T)	MM
VIEWING AREA	76.0W x 25.2H	MM
CHARACTERS	20 CHARACTERS X 4 LINES	
CHARACTER SIZE	2.95W x 4.75H	MM
CHARACTER PITCH	3.55W x 5.35H	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) EXTENDED(-20-70C)
5. POWER SUPPLY:	5.0V, 3.0V
6. VIEWING ANGLE:	6H: 12H
7. CHARACTER TABLE:	JAPANESE, EUROPEAN, CYRILLIC



\* FOR LED BACKLIGHT  
 T1=14.0MAX T2=9.0±0.3  
 \* FOR EL OR NO BACKLIGHT  
 T1=10.0MAX T2=5.0±0.3



NT-C2042A

20 CHARACTERS X 4 LINES



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

