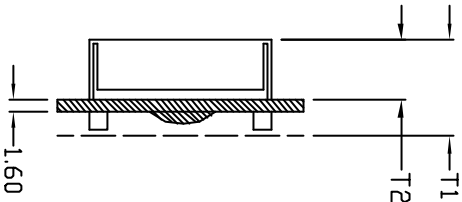
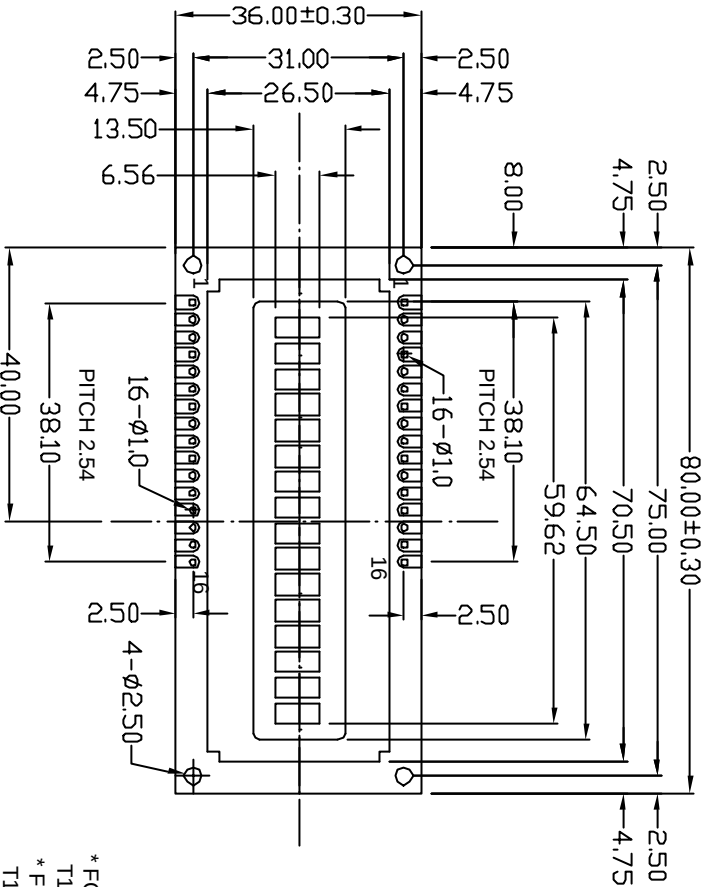
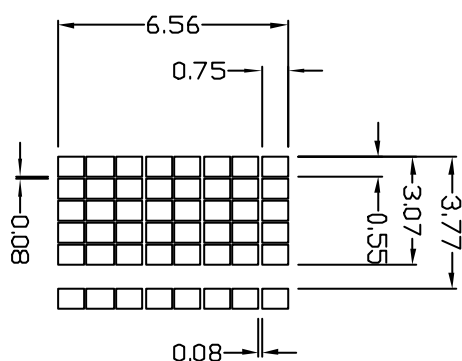
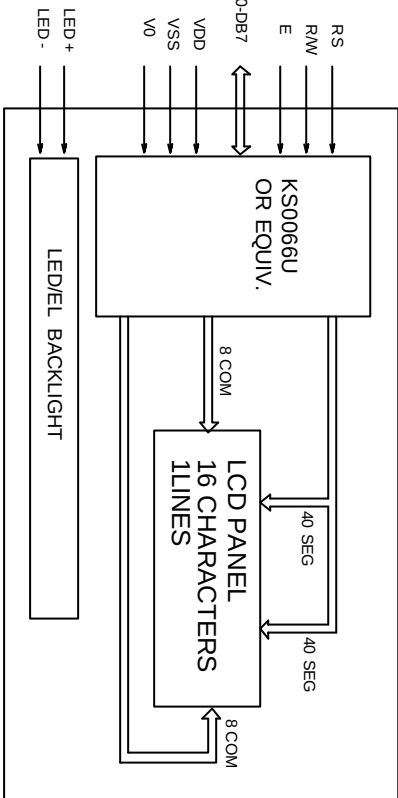


REVISIONS				DESCRIPTION
NO.	DATE	BY		
1	01/06/18	NLV		NEW RELEASE



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



PINS ASSIGNMENT	
NO.	SYSBOL DESCRIPTION
1	VSS POWER SUPPLY
2	VDD POWER SUPPLY
3	V0 OPERATING VOLTAGE FOR LCD
4	RS DATA/INSTRUCTION SELECT
5	R/W READWRITE 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	V _I	-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
SUPPLY CURRENT	IDD	-	1.0	1.2
VOLTAGE FOR LCD	VDD-V0	4.7	4.9	5.1
INPUT VOLTAGE	V _{IH}	2.2	-	VDD
	V _{IL}	-0.3	-	0.6
OUTPUT VOLTAGE	V _{OH}	2.4	-	V
	V _{OL}	-	-	0.4

MECHANICAL SPECIFICATIONS		
ITEM	SPECIFICATION	UNIT
OVERALL SIZE	80.0W x 36.0H x 1.40T(1.0T)	MM
VIEWING AREA	64.5W x 13.5H	MM
CHARACTERS	16 CHARACTERS X 1 LINES	
CHARACTER SIZE	3.07W x 6.56H	MM
CHARACTER PITCH	3.77W x 6.56H	MM

OPTIONS	
1.	LCD TYPE: YIG STN. GRAY STN. TN
2.	BACKLIGHT: WITHOUT BACKLIGHT; LED; EL
3.	COLOR OF BACKLIGHT: YG.; BLUE; WHITE
4.	TEMPERATURE RANGE: NORMAL(0-50°C) EXTENDED(-20-70°C)
5.	POWER SUPPLY: 5.0V; 3.0V
6.	VIEWING ANGLE: 6H; 12H
7.	CHARACTER TABLE: JAPANESE; EUROPEAN; CYRILLIC

NLV-C1612A

16 CHARACTERS X 1 LINES



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

奈立微科技有限公司

NLV YOUR SUPPLIER AND YOUR PARTNER!

