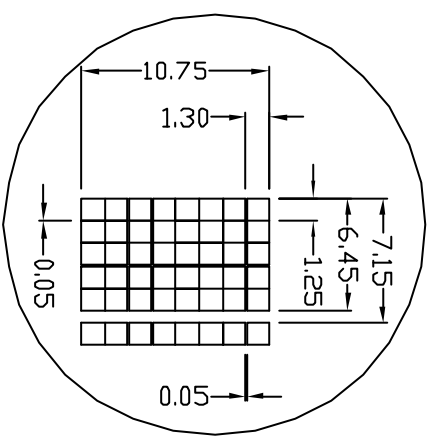
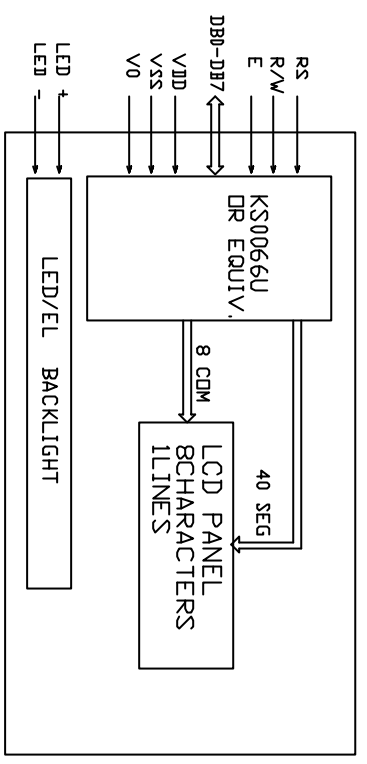


* FDR LED BACKLIGHT
 T1=14.0MAX T2=9.0±0.3
 * FOR EL DR NO BACKLIGHT
 T1=10.0MAX T2=5.0±0.3



NT-C0811A

8 CHARACTERS X 1 LINES



NELY, YOUR SUPPLIER, AND YOUR PARTNER!

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

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	01/06/18	A.CH	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	
A		POWER SUPPLY FOR LED BACKLIGHT (+)	
K		POWER SUPPLY FOR LED BACKLIGHT (-)	

ABSOLUTE MAXIMUM RATING			
ITEM	SYMBOL	MIN	MAX
POWER SUPPLY LOGIC	VDD-VSS	-0.3	7.0
POWER SUPPLY LED DRV	VDD-V0	-0.3	13.5
INPUT VOLTAGE	VI	-0.3	VDD

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	1.3	mA
VOLTAGE FOR LCD	VDD-V0	-	4.7	-	V
INPUT VOLTAGE	VIH	2.2	-	VDD	V
	VIL	-0.3	-	0.6	V
OUTPUT VOLTAGE	VOH	2.4	-	-	V
	VOL	-	-	0.4	V

MECHANICAL SPECIFICATIONS		
ITEM	SPECIFICATION	UNIT
OVERALL SIZE	84.0W x 44.0H x 14.0T(±0.1)	MM
VIEWING AREA	61.0W x 15.8H	MM
CHARACTERS	8 CHARACTERS X 1 LINES	
CHARACTER SIZE	6.45W x 10.75H	MM
CHARACTER PITCH	7.15W x 10.75H	MM

- OPTIONS
- LCD TYPE: Y/G STN, GRAY STN, TN
 - BACKLIGHT: WITHOUT BACKLIGHT, LED, EL
 - COLOR OF BACKLIGHT: Y/G, BLUE, WHITE
 - TEMPERATURE RANGE: NORMAL(0-50°C) EXTENDED(-20-70°C)
 - POWER SUPPLY: 5.0V, 3.0V
 - VIEWING ANGLE: 6H, 12H
 - CHARACTER TABLE: JAPANESE, EUROPEAN, CYRILLIC