



NT-C0824A

8 CHARACTERS X 2 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	

ABSOLUTE MAXIMUM RATING			
ITEM	SYMBOL	MIN	MAX
POWER SUPPLY VOLTAGE	VDD-VSS	-0.3	7.0
POWER SUPPLY CURRENT	IDD	-0.3	13.5
INPUT VOLTAGE	VI	-0.3	VDD

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	1.3
VOLTAGE FOR LCD	VDD-V0	-	4.6	-
INPUT VOLTAGE	VIL	-0.3	-	VDD
	VIH	-	-	0.6
OUTPUT VOLTAGE	VOH	2.4	-	-
	VOL	-	-	0.4

MECHANICAL SPECIFICATIONS		
ITEM	SPECIFICATION	UNIT
OVERALL SIZE	40.0W x 35.8H x 7.3T	MM
VIEWING AREA	30.5W x 14.0H	MM
CHARACTERS	8 CHARACTERS x 2 LINES	MM
CHARACTER SIZE	2.95W x 4.75H	MM
CHARACTER PITCH	3.30W x 5.10H	MM

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