



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	LEDA POWER FOR LED BACKLIGHT(+4.2V)
16	LEDK POWER FOR LED BACKLIGHT(0V)

ABSOLUTE MAXIMUM RATING			
ITEM	SYMBOL	MIN	MAX
POWER SUPPLY(V _{LOGIC})	VDD-VSS	-0.3	7.0
POWER SUPPLY(V _{LCD})	DRV-VDD-V0	-0.3	13.5
INPUT VOLTAGE	V _I	-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	I _{DD}	-	1.3	2.2
VOLTAGE FOR LCD	VDD-V0	-	4.6	-
INPUT VOLTAGE	V _{IH}	2.2	-	VDD
	V _{IL}	-0.3	-	0.6
OUTPUT VOLTAGE	V _{OH}	2.4	-	-
	V _{OL}	-	-	0.4

MECHANICAL SPECIFICATIONS		
ITEM	SPECIFICATION	UNIT
OVERALL SIZE	65.5W x 36.7H x 12.0T	MM
VIEWING AREA	48.6W x 12.0H	MM
CHARACTERS	16 CHARACTERS x 2 LINES	MM
CHARACTER SIZE	2.54W x 4.07H	MM
CHARACTER PITCH	3.00W x 5.07H	MM

OPTIONS	
1.	LCD TYPE: STN, YELLOW/GREEN
2.	BACKLIGHT: BOTTOM LED ARRAY
3.	COLOR OF BACKLIGHT: YELLOW/GREEN
4.	TEMPERATURE RANGE: EXTENDED(-20---+70C)
5.	POWER SUPPLY: 5.0V _I
6.	VIEWING ANGLE: 6H _I

NT-C16210A

16 CHARACTERS X 2 LINES



NELY, YOUR SUPPLIER, AND YOUR PARTNER!

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

