



PINS ASSIGNMENT		
NO.	SYMBOL	DESCRIPTION
1	VDD	POWER SUPPLY
2	V0	OPERATING VOLTAGE FOR LCD
3	RS	DATA/INSTRUCTION SELECT
4	R/W	READ/WRITE CONTROL
5	E	ENABLE SIGNAL
6-13	DB0-DB7	DATA BUS
14	VSS	POWER SUPPLY, GROUND

ABSOLUTE MAXIMUM RATING			
ITEM	SYMBOL	MIN	MAX
POWER SUPPLY(VDD)	VDD-VSS	-0.3	7.0
POWER SUPPLY(LCD DR)	V0-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
VOLTAGE FOR LOGIC	VDD-VSS	4.75	5.0	5.25
SUPPLY CURRENT	IDD	-	1.3	2.2
VOLTAGE FOR LCD	VDD-V0	-	4.9	-
INPUT VOLTAGE	VIH	2.2	-	VDD
	VIL	-0.3	-	0.6
OUTPUT VOLTAGE	VOH	2.4	-	-
	VOL	-	-	0.4

MECHANICAL SPECIFICATIONS		
ITEM	SPECIFICATION	UNIT
OVERALL SIZE	66.5W x 23.0H x 6.5	MM
VIEWING AREA	63.50W x 19.7H	MM
CHARACTERS	16 CHARACTERS x 1 LINES	MM
CHARACTER SIZE	3.03W x 6.49H	MM
CHARACTER PITCH	3.63W x 6.49H	MM

OPTIONS	
1. LCD TYPE:	HTN, POSITIVE
2. BACKLIGHT:	WITHOUT BACKLIGHT
3. CABLE:	145MM FCC
4. TEMPERATURE RANGE:	NORMAL (0--50°C)
5. POWER SUPPLY:	5.0V _I
6. VIEWING ANGLE:	6H _I
7. CHARACTER TABLE:	ENG/JAN

REVISIONS		
NO.	DATE	BY
1	03/02/14	A.C.H

DESCRIPTION	
NEW RELEASE	

NT-C1614A

16 CHARACTERS X 1 LINES



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



NELY, YOUR SUPPLIER, AND YOUR PARTNER!