



PINS ASSIGNMENT	
NO.	SYMBOL DESCRIPTION
1	VSS POWER SUPPLY
2	VDD POWER SUPPLY
3	/CS CHIP SELECTION
4	/MR WRITE CLOCK
5	DATA SERIAL DATA INPUT/OUTPUT

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	VI	-0.3	VDD V

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	I _{DD}	-	1.3	2.2	mA
VOLTAGE FOR LCD	VDD-V0	4.7	4.9	5.1	V
INPUT VOLTAGE	V _{IH}	2.2	-	VDD	V
	V _{IL}	-0.3	-	0.6	V
OUTPUT VOLTAGE	V _{OH}	2.4	-	-	V
	V _{OL}	-	-	0.4	V

MECHANICAL SPECIFICATIONS		
ITEM	SPECIFICATION	UNIT
OVERALL SIZE	88.0W x 11.0H x 4.20T	MM
VIEWING AREA	68.0W x 9.0H	MM
DIGITS	14 DIGITS x 1 LINES	
DIGIT SIZE	3.0W x 7.0H	MM
CHARACTER PITCH	4.7W x 7.0H	MM

- OPTIONS
- LCD TYPE: TN
 - BACKLIGHT: WITHOUT BACKLIGHT;
 - COLOR OF BACKLIGHT:
 - TEMPERATURE RANGE: NORMAL(0--50C)
EXTENDED(-20--70C)
 - POWER SUPPLY: 5.0V; 3.0V
 - VIEWING ANGLE: 6H; 12H

REVISIONS		DESCRIPTION	
NO.	DATE	BY	DESCRIPTION
1	04/03/28 A.CH		NEW RELEASE

NT-S7003A

14 DIGITS 7 SEGMENTS 1 LINE



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

NELLY, YOUR SUPPLIER, AND YOUR PARTNER!