



PINS ASSIGNMENT	
NO.	SYMBOL DESCRIPTION
1	GND POWER SUPPLY/GROUND
2	VDD POWER SUPPLY/5.0V
3	DATA IN DATA INPUT PIN
4	CLOCK SHIFT CLOCK
5	LOAD LATCH CLOCK

NOTE: DATA IN, CLOCK AND LOAD ARE CORRESPOND TO THE RELATIVE PINS OF MSMS219B

ABSOLUTE MAXIMUM RATING				
ITEM	SYMBOL	MIN	MAX	UNIT
POWER SUPPLY(CLOCK)	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	IDD	-	1.3	2.2	mA
INPUT VOLTAGE	H VIH	2.2	-	VDD	V
	L VIL	-0.3	-	0.6	V
OUTPUT VOLTAGE	H VOH	2.4	-	-	V
	L VOL	-	-	0.4	V

MECHANICAL SPECIFICATIONS		
ITEM	SPECIFICATION	UNIT
OVERALL SIZE	61.0W x 40.5H x 7.6T	MM
VIEWING AREA	48.0W x 20.0H	MM
CONTENTS	5 DIGITS	MM
DIGIT SIZE		MM
DIGITS PITCH		MM

OPTIONS	
1.	LCD TYPE: TN, POSITIVE, REFLECTIVE
2.	BACKLIGHT: WITHOUT BACKLIGHT
3.	TEMPERATURE RANGE: NORMAL(0--50C)
4.	POWER SUPPLY: 5.0V
5.	VIEWING ANGLE: 6H1

NT-S5002A

5 DIGITS DISPLAY MODULE



NELY, YOUR SUPPLIER, AND YOUR PARTNER!

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

