



* FOR LED BACKLIGHT
 TH1=14.0MAX TH2=6.0MAX
 * FOR EL OR NO BACKLIGHT
 TH1=11.0MAX TH2=6.0MAX

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	01/06/18	A/C	NEW RELEASE

PINS ASSIGNMENT

NO.	SYMBOL	NO.	SYMBOL
1	FG	21	K
2	VSS	22	NC
3	VDD	23	SDATA
4	V0	24	CDATA
5	RS	25	M
6	RW	26	CL1
7	E	27	CL2
8-15	DB0-DB7	28	NC
16	/CS	29	VDD
17	/RES	30	VSS
18	VEE	31	V0
19	NC	32	VEE
20	A	33,34	A/K

ABSOLUTE MAXIMUM RATING

ITEM	SYMBOL	MIN	MAX	UNIT
POWER SUPPLY(LOGIC)	VDD-VSS	0	6.5	V
POWER SUPPLY(LED DRV)	VDD-V0	0	18.0	V
INPUT VOLTAGE	VI	VI	VDD	V

ELECTRICAL CHARACTERISTICS

ITEM	SYMBOL	MIN	TYP	MAX	UNIT
VOLTAGE FOR LOGIC	VDD-VSS	4.75	5.0	5.25	V
SUPPLY CURRENT	IDD	-	12.0	-	mA
LCD OPERATING VOLTAGE	VDD-V0	16.0	-	18.0	V
	VDD-V0	15.0	-	16.0	V
	VDD-V0	14.0	-	14.0	V
INPUT VOLTAGE	VI	VI	0.7VDD	-	V
	VIL	0	0.3VDD	-	V

MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATION	UNIT
OVERALL SIZE	144.0W x 104.0H x 14.0T(11.0T)	MM
VIEWING ANGLE	133.2W/64.0H	MM
DOT NUMBER	240 x 128	DOTS
DOT SIZE	0.40W x 0.40H	MM
DOT PITCH	0.45W x 0.45H	MM

- OPTIONS
- LCD TYPE: YG STN, GRAY STN, BW, FSTN
 - BACKLIGHT: WITHOUT BACKLIGHT, LED, EL, CCFL
 - COLOR OF BACKLIGHT: Y/G, BLUE, WHITE
 - TEMPERATURE RANGE: NORMAL(0-50C)
 - POWER SUPPLY: ON BOARD DC/DC(SINGLE 5.0V), DUAL POWER SUPPLY(5.0V & 10.0V)
 - VIEWING ANGLE: 6H, 12H

NT-G2401283A

240 X 128 DOTS GRAPHIC LCM



NELY, YOUR SUPPLIER, AND YOUR PARTNER!

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

