



NT-C2045A

20 CHARACTERS X 4 LINES



NELY, YOUR SUPPLIER, AND YOUR PARTNER!

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



REVISIONS

NO.	DATE	BY	DESCRIPTION
1	03/08/26	AQH	NEW RELEASE

PINS ASSIGNMENT	
NO.	SYMBOL DESCRIPTION
1	VSS POWER SUPPLY (GROUND)
2	VDD POWER SUPPLY FOR LOGIC
3	V0 INPUT VOLTAGE TO THE BOOSTER
4	RS DATA/INSTRUCTION SELECT
5	R/W READ/WRITE CONTROL
6	E ENABLE SIGNAL
7--14	DB0--DB7 DATA BUS
15	LED+ ANODE OF LED BACKLIGHT
16	LED- CATHODE OF LED BACKLIGHT

ABSOLUTE MAXIMUM RATING			
ITEM	SYMBOL	MIN	MAX
POWER SUPPLY (LOGIC)	VDD-VSS	0	6.0
POWER SUPPLY (LCD DRV)	VDD-V0	0	5.0
INPUT VOLTAGE	VI	0	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
LOGIC SUPPLY CURRENT (IDD)		-	1.5	1.6
INPUT VOLTAGE	VH	2.2	-	VDD
	VL	-0.3	-	0.6
OUTPUT VOLTAGE	VOH	2.4	-	-
	VOL	-	-	0.4
LED DRIVING VOLTAGE (VLED)		3.9	4.1	4.3

MECHANICAL SPECIFICATIONS		
ITEM	SPECIFICATION	UNIT
OVERALL SIZE	65.0W x 28.4H x 9.0T	MM
VIEWING AREA	46.0W x 18.4H	MM
CHARACTERS	20 CHARACTERS x 4 LINES	MM
CHARACTER SIZE	1.85W x 3.15H	MM
CHARACTER PITCH	2.15W x 4.25H	MM

OPTIONS	
1.	LCD TYPE: Y/G STN;
2.	BACKLIGHT: LED BACKLIGHT, SIDE-LIT
3.	COLOR OF BACKLIGHT: GREEN
4.	TEMPERATURE RANGE: EXTENDED(-20--70C)
5.	POWER SUPPLY: 5.0V,
6.	VIEWING ANGLE: 6H;
7.	CHARACTER TABLE: JAPANESE;