



NT-G2401284A

240 X 128 DOTS GRAPHIC LCM



NELY, YOUR SUPPLIER, AND YOUR PARTNER!

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

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	05/06/22	A.CH	NEW RELEASE

PINS ASSIGNMENT

CN1--FOR TYPES WITH CONTROLLER(T6963C)

NO.	SYMBOL	DESCRIPTION
1	VSS	GROUND
2	VDD	POWER SUPPLY FOR LOGIC AND LCD
3	V0	OPERATING VOLTAGE FOR LCD
4	C/D	COMMAND/DATA SELECTION
5	/RD	DATA READ
6	/MR	DATA WRITE
7-14	DB0--DB7	DATA BUS
15	/CE	CHIP ENABLE FOR T6963C
16	/RST	RESET T6963C (LOW EFFECTIVE)
17	VEE	NEGATIVE VOLTAGE INPUT/OUTPUT
18	MD2	SELECT NUMBER OF THE COLUMNS
19	FS	FONT SELECTION (L:8X, H:6X)
20	NC	NO CONNECT
21,22	A,K	LED BACKLIGHT POWER SUPPLY

CN2--FOR TYPES WITHOUT CONTROLLER

NO.	SYMBOL	DESCRIPTION
1	FRM	FRAME SIGNAL
2	GP	SHIFT CLOCK
3	LP	LATCH CLOCK
4	M	AC SIGNAL
5	VDD	POWER SUPPLY FOR LOGIC AND LCD
6	VSS	GROUND
7	VEE	NEGATIVE VOLTAGE INPUT/OUTPUT
8-11	DO-D3	DISPLAY DATA
12	V0	OPERATING VOLTAGE FOR LCD
13	/DISPOFF	DISPLAY OFF CONTROL
14,15	A,K	LED BACKLIGHT POWER SUPPLY

MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATION	UNIT
OVERALL SIZE	144.0W x 104.0H x 14.0T	MM
VIEWING AREA	133.2W x 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

NOTES

1. LOD TYPE: Y/G STNBLUE STN, B/W FSTN
2. BACKLIGHT: Y/G LED, WHITE LED, COFL
3. POLARIZER: TRANSPARENT
4. OPERATING TEMPERATURE: 0--50 C
5. STORAGE TEMPERATURE: -10--60 C
6. CONTROLLER: T6963C
6. ON-BOARD DC-DC: -15V