

*Phoenix Display International, Inc.*

# PRODUCT PREVIEW

## 240 x 64 Monochrome

**TN/STN**

Graphics  
Liquid Crystal Display

### SPECIFICATIONS

#### MODULE

Part Number	G-2406406C-VA
Format	240 Columns by 64 Rows
Controller	T6B65A
Overall Dimensions	180.0mm x 65.0mm x 17.6mm
Active Area	127.2mm x 33.9mm
Pixel Pitch	440um x 600um
Pixel Size	390um x 550um
Backlight System	LED
Driver Attach	Chip on Board (COB)
Display Type	STN, FSTN
Duty	1/64
Bias	1/9





## 4.0 ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Test Condition	Standard Value		
			Min.	Max.	Unit
Supply Voltage (Logic)	$V_{DD}-V_{SS}$	25°C	-0.3	7.0	V
Supply Voltage (LCD)	$V_{DD}-V_O$		-0.3	17.5	V
Input Voltage	$V_{IN}$		-0.3	$V_{DD}+0.3$	V
Operating Temp.	$T_{OPR}$	-	0	50	°C
Storage Temp.	$T_{STG}$	-	-20	70	°C

## 5.0 PIN ASSIGNMENT

PIN No.	Symbol	Description
1	FG	Frame Ground
2	GND	Power supply(GND)
3	$V_{DD}$	Power supply
4	/DI	Data/Instruction select
5	— WR	Data write
6	/LE	COM driver latch enable
7	/CE1	SEG driver 1 Chip Enable
8	/CE2	SEG driver 2 Chip Enable
9	/CE3	SEG driver 3 Chip Enable
10	/RST	Reset signal
11~18	DB0~DB7	Data bus
19	NC	No connection
20	NC	No connection
21	LEDK	LED Back-light
22	LEDA	LED Back-light

### Remark

1. LCD option: STN, FSTN .
2. Standard module.
3. Backlight option: LED EL backlight feature, other specs not available on catalog is under request.