KG128064B-L (128 DOTS × 64 DOTS)

■ FEATURES

- ◆ BUILT-IN CONTROLLER (ST7565P OR EQUIVALENT)
- ◆ +3.0V POWER SUPPLY
- ◆ 1/65 DUTY CYCLE
- ◆ 8-BIT PARALLEL INTERFACE
- ◆ 2.1V LED FORWARD VOLTAGE

■ MECHANICAL DATA

ITEM	DIMENSIONS	UNIT
Module Size (W × H × T)	37x50x4.2	mm
Viewing Area (W × H)	30x21.6	mm
Active Area (W × H)	27.367x19.175	mm
Dot Size (W × H)	0.189x0.275	mm
Dot Pitch (W × H)	0.214x0.3	mm

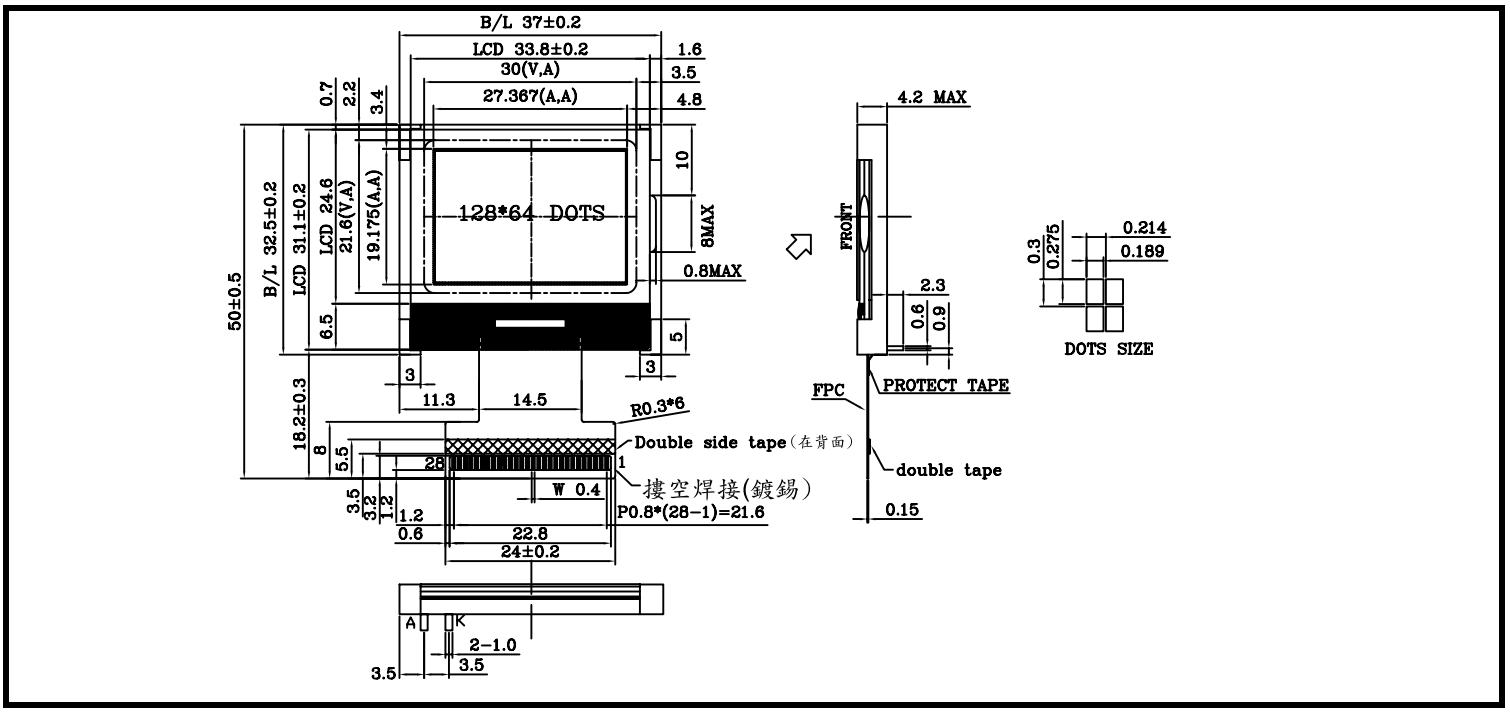
■ INTERFACE PIN CONNECTIONS

NO.	SYMBOL	FUNCTION
1	/CS1	Chip Select
2	/RST	Reset Input
3	A0	Date Type Select Signal
4	R/W	Read/Write
5	E	Enable Signal
6~13	D0~D7	Date Bus Line
14	VSS	0V
15	VOUT	DC/DC Voltage Converter
16~20	C3P~C2N	Internal DC/DC Voltage Converter
21~25	V4~V0	LCD Driving Voltage Levels
26	VSS	0V
27	C86	6800 or 8080 Interface
28	PS/VDD	3.0V

■ ABSOLUTE MAXIMUM RATINGS

ITEM	SYMBOL	MIN.	TYP.	MAX.	UNIT
Supply Voltage For Logic	V_{DD}	0	-	5	V
Supply Voltage For LCD	V_{LCD}	0	-	9.7	V
Input Voltage	V_{IN}	V_{SS}	-	V_{DD}	V

■ ELECTRICAL CHARACTERISTICS

ITEM		SYMBOL	CONPITION	MIN.	TYP.	MAX.	UNIT
Supply Voltage For Logic		V_{DD}-V_{SS}	-	-	3.0	-	V
Supply Voltage For LCD		V_{LCD}	V_{DD}=3.0V, Ta=25℃	9.3	9.5	9.7	V
Supply Current For LCD		I_{DD}	V_{DD}=3.0V	-	-	2	mA
Input Voltage	"HIGH" Level	V_{IH}	-	2.2	-	V_{DD}	V
	"LOW" Level	V_{IL}	-	0	-	0.6	V
Output Voltage	"HIGH" Level	V_{OH}	-	2.4	-	V_{DD}	V
	"LOW" Level	V_{OL}	-	0	-	0.4	V

■ EXTERNAL DIMENSIONS