

# KGM167E0

## DISPLAY CHARACTERISTIC

ITEM	STANDARD VALUE	UNIT
Lcd Type	Active matrix TFT, Transmissive type	
Display Resolution	128xRGBx160	
View Area		mm
Active Area	28.032x35.04	mm
Pixel Pitch	0.219x0.219	mm
Viewing Direction	12 O'clock	
Drive IC	SPFD54124B	
Input Data	8080 parallel input from MPU	

## MECHANICAL DIMENSIONS

ITEM	STANDARD VALUE	UNIT
Outline Dimension	34x45.78	mm
Thickness	3.55	mm

## INTERFACE PIN CONNECTIONS

No.	SYMBOL	FUNCTION	No.	SYMBOL	FUNCTION
1	BL_K	L/G ground	8	/RESET	Reset
2	BL_A	L/G power supply	9	RS	Data/Command control pin
3	GND	Ground	10	/WR	Write execution control pin
4	VDD	Logic power supply	11	/RD	Read execution control pin
5~6	NC	No connection	12~19	DB7~DB0	Data bus
7	/CS	Chip select pin	20	DC	Ground

## ELECTRICAL CHARACTERISTIC

ITEM	SYMBOL	CONDITION	MIN.	TYPICAL	MAX.	UNIT
Supply Voltage For Logic	V <sub>DD</sub>	---	2.7	2.8	2.9	V
Input High Level	V <sub>IH</sub>	---	0.8xVDD	--	VDD	V
Input Low Level	V <sub>IL</sub>	---	0.0	--	0.2xVDD	V

## BACKLIGHT CHARACTERISTICS

ITEM	SYMBOL	MIN.	TYPICAL	MAX.	UNIT
LED Module Forward Voltage	V <sub>LED</sub>	3.0	---	3.3	V
LED Module Current	I <sub>LED</sub>	--	60	--	mA

## OUTLINE DIMENSION

