SG128128B (128 DOTS X 128 DOTS)

¦ FEATURES

. BUILT-IN CONTROLLER T6963C OR EQUIVALENT)
. +5 V POWER SUPPLY
. 1/128 DUTY CYCLE
. 8-BIT PARALLEL INTERFACE

¦ MECHANICAL DATA

ITEM	DIMENSIONS	UNIT
Module Size (W x H x T)	92.0 x 106.0 x 12.0(LED14.5)	mm
Viewing Area (W x H)	69.0 x 69.0	mm
Active Area (W x H)	63.96 x 63.96	mm
Dot Size (W x H)	0.46 x 0.46	mm
Dot Pitch (W x H)	0.50 x 0.50	mm

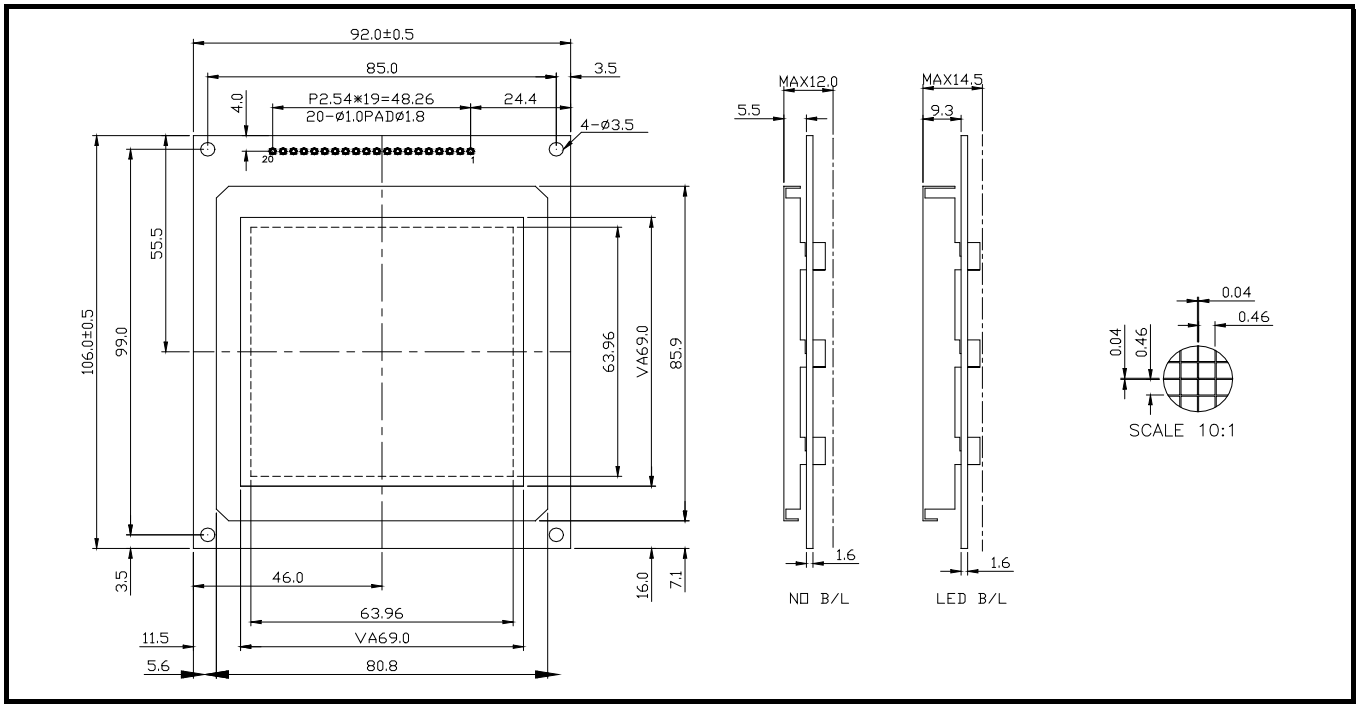
¦ INTERFACE PIN CONNECTIONS

NO.	SYMBOL	LEVEL	FUNCTION
1	FGND	0V	Frame Ground
2	V_{SS}	0V	Power Supply Ground
3	V_{DD}	5V	Power Supply Voltage
4	V_O	-	Contrast Adjustment Voltage
5	/WR	L	Write Singal
6	/RD	L	Read Signal
7	/CE	L	Enable Signal
8	C/D	H/L	H : Instruction Code, L : Data Code
9	/RST	L	Reset Signal
10~17	DB0~DB7	H/L	Data Bus Line
18	FS	H/L	H : 6*8 , L : 8*8 Select Of Columns
19	A	4.2V	LED Power (+)
20	/HALT	L	Stop The Oscillatuion Of Clock

¦ ABSOLUTE MAXIMUM RATINGS

ITEM	SYMBOL	MIN.	TYP.	MAX.	UNIT
Supply Voltage For Logic	V_{DD}-V_{SS}	0	-	7	V
Supply Voltage For LCD Drive	V_{DD}-V_o	0	-	28	V
Input Voltage	V_I	Vss	-	V_{DD}	V

¦ ELECTRICAL CHARACTERISTICS

ITEM		SYMBOL	CONDITION	MIN.	TYP.	MAX.	UNIT
Supply Voltage For Logic		V_{DD}-V_{SS}	-	4.5	5	5.5	V
Supply Voltage For LCD		V_{DD}-V_o	V_{DD}=5V Ta=25.	17.2	18.5	19.6	V
Supply Current		I_{DD}	V_{DD}=5V	-	16	25	mA
Input Voltage	"HIGH" Level	V_{IH}	-	2.2	-	V_{DD}	V
	"LOW" Level	V_{IL}	-	-	-	0.6	V
Output Voltage	"HIGH" Level	V_{OH}	-	2.4	-	-	V
	"LOW" Level	V_{OL}	-	-	-	0.4	V

¦ EXTERNAL DIMENSIONS