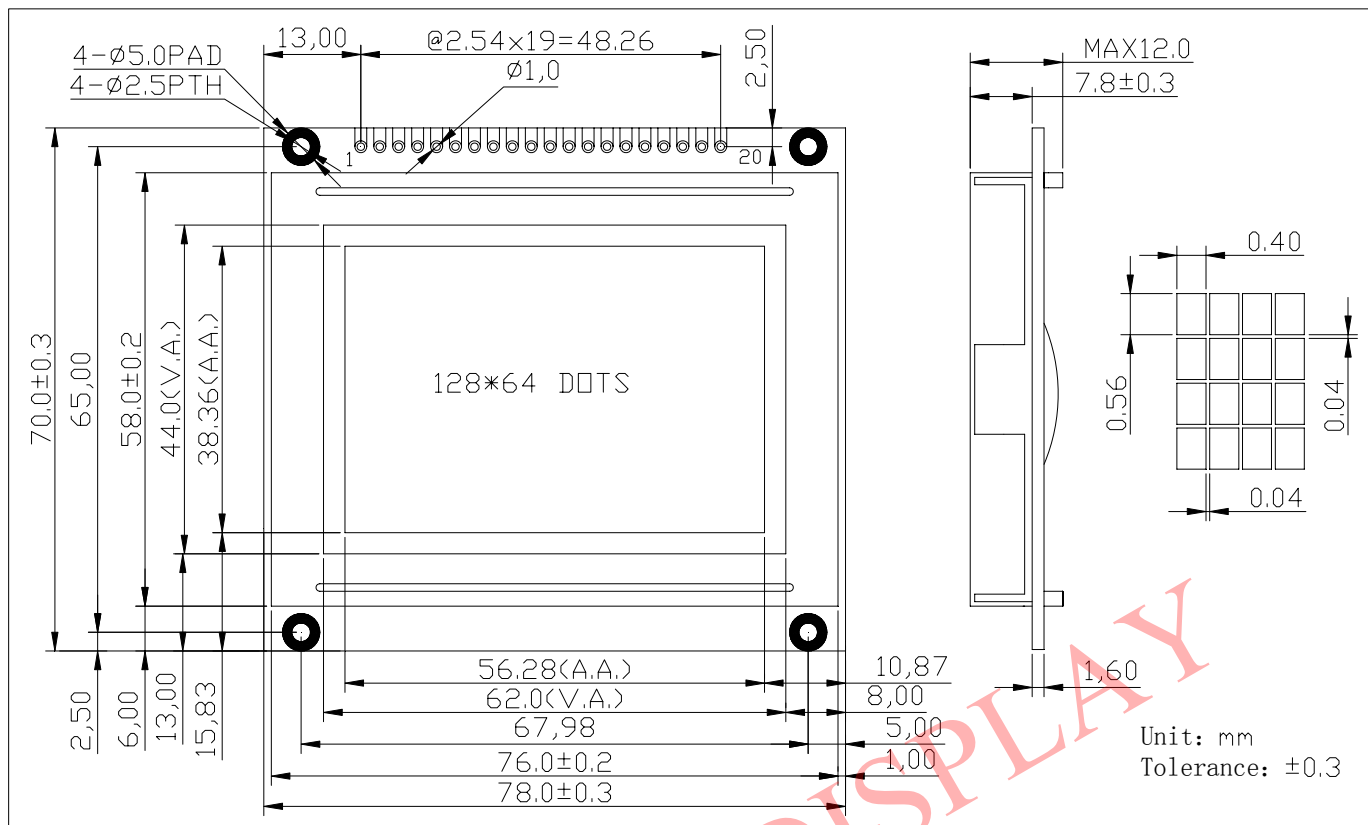




PIN CONNECTIONS

Pin	Symbol	Level	Function
1	/CS1	L	Chip select, active "L"
2	/CS2	L	Chip select, active "L"
3	VSS	0V	GND
4	VDD	+5V	Power Supply for logic
5	V0	-	Operating voltage for LCD
6	RS	H/L	H: Data L: Instruction code
7	R/W	H/L	H: Read L: Write
8	E	H/L	Chip Enable signal
9~16	DB0-DB7	H/L	Data bus line
17	/REST	L	Reset signal, active "L"
18	VOOUT	-	Negative voltage output
19	LEDA	+5V	Power Supply for LED Backlight
20	LEDK	0V	

NOTES:

1. Built-in controller(SBN0064G-D)
2. Parallel(6800-Serials) interface

MECHANICAL DATA

Item	Nominal Dimensions	Unit
Module Size (W x H x T)	78.0×70.0×12.0MAX.	mm
Viewing Area (W x H)	62.0×44.0	mm
Dot Pitch (W x H)	0.44X0.60	mm
Dot Size (W x H)	0.40X0.56	mm

ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Min.	Max.	Unit
Supply Voltage(Logic)	V _{DD} -V _{SS}	0	5.5	V
Supply Voltage(LCD)	V _{LCD}	0	10	V
Operating Temp	T _{OPR}	-20	70	°C
Storage Temp	T _{STG}	-30	80	°C

ELECTRICAL CHARACTERISTICS(V_{DD}=5.0V, Ta=25°C)

Item	Sym.	Min.	Typ.	Max.	Unit
Input High Voltage	V _{IH}	V _{DD} -2.2	--	V _{DD}	V
Input Low Voltage	V _{IL}	0	--	0.8	V
Supply Current	I _{DD}	-	6.0	-	mA

LED BACKLIGHT SPECIFICATION (Ta=25°C)

Item	Forward Voltage	Forward Current
White	3.0V	If= 60 mA
Yellow-Green	3.0V	If= 60 mA