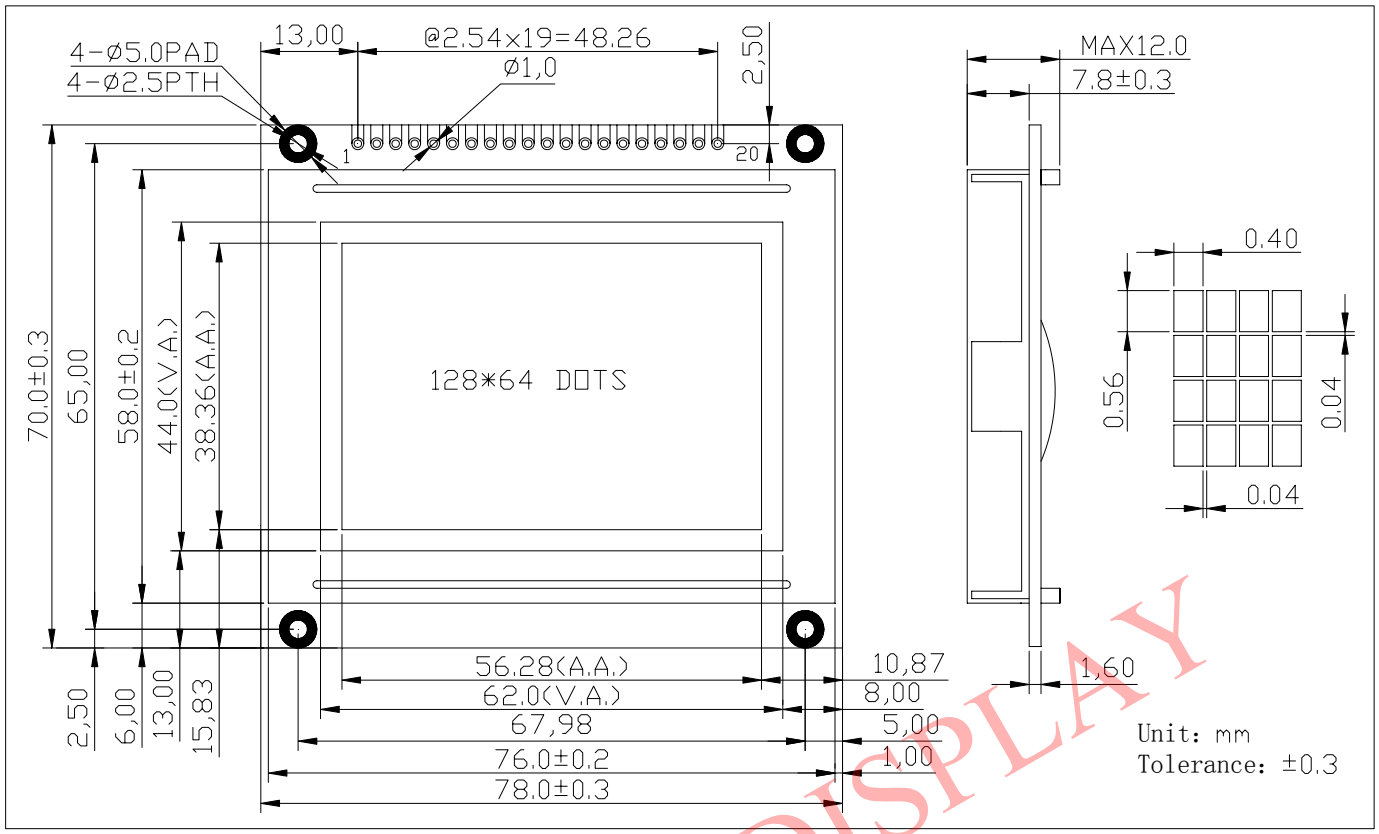
HG1286433 1/65DUTY 1/9BIAS



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	VOUT	-	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	℃
Storage Temp	T_{STG}	-30	80	℃

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

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℃)

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