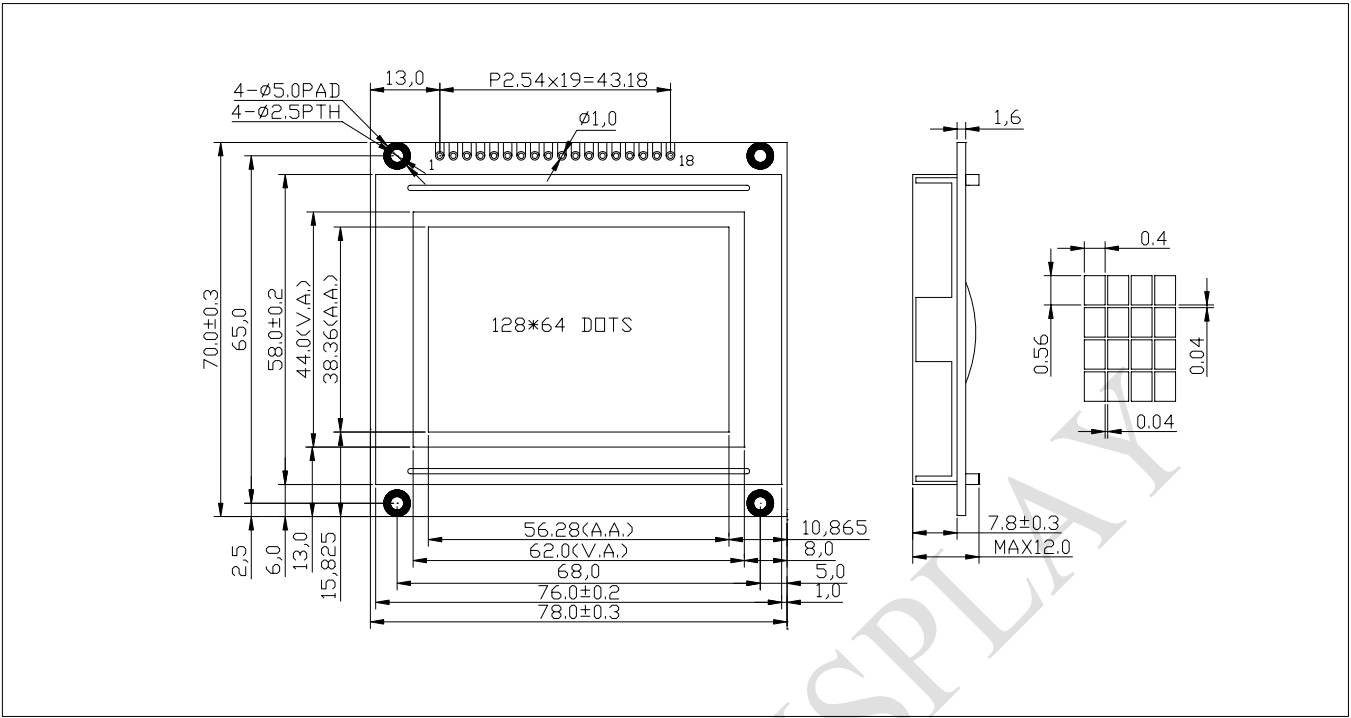




PIN CONNECTIONS

Pin	Symbol	Level	Function
1	/CS1	L	Chip selection for IC1
2	/CS2	L	Chip selection for IC2
3	V _{SS}	0V	Ground
4	V _{DD}	+5V	Power supply for Logic
5	V _O	H/L	Driving 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	Enable signal
9	DB0	H/L	Data bus line
16	DB7		
17	LEDA	+5V	Power supply for LED backlight
18	LEDK	0V	

NOTES:

- 1. Built-in SBN6400G-D/0064G-D controller
- 2. Yelllow-green/Blue mode optional
- 3. Temperature compensation optional

MECHANICAL DATA

Item	Nominal Dimensions	Unit
Module Size (W x H x T)	78.0X70.0X12.0	mm
Viewing Area (W x H)	62.0X44.0	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}	-0.3	7.0	V
Supply Voltage (LCD)	V _{DD} -V _O	-0.3	17.5	V
Input Voltage	V _I	-0.3	V _{DD} +0.3	V
Operating Temp.	T _{OPR}	-20	+70	℃
Storage Temp.	T _{STG}	-30	+80	℃

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

Item	Symbol	Min.	Typ.	Max.	Unit
Input High Voltage	V _{IH}	0.8 V _{DD}		V _{DD}	V
Input Low Voltage	V _{IL}	0	-	0.2V _{DD}	V
Supply Current	I _{DD}	-	-	-	mA
LCD Driving Voltage	V _{DD} -V ₀	-	11.5	-	V

LED BACKLIGHT SPECIFICATIONS (Ta=25℃)

Item	Forward Voltage	Forward Current
YELLOW-GREEN	4.1V	440 mA
White	3.1V	60mA