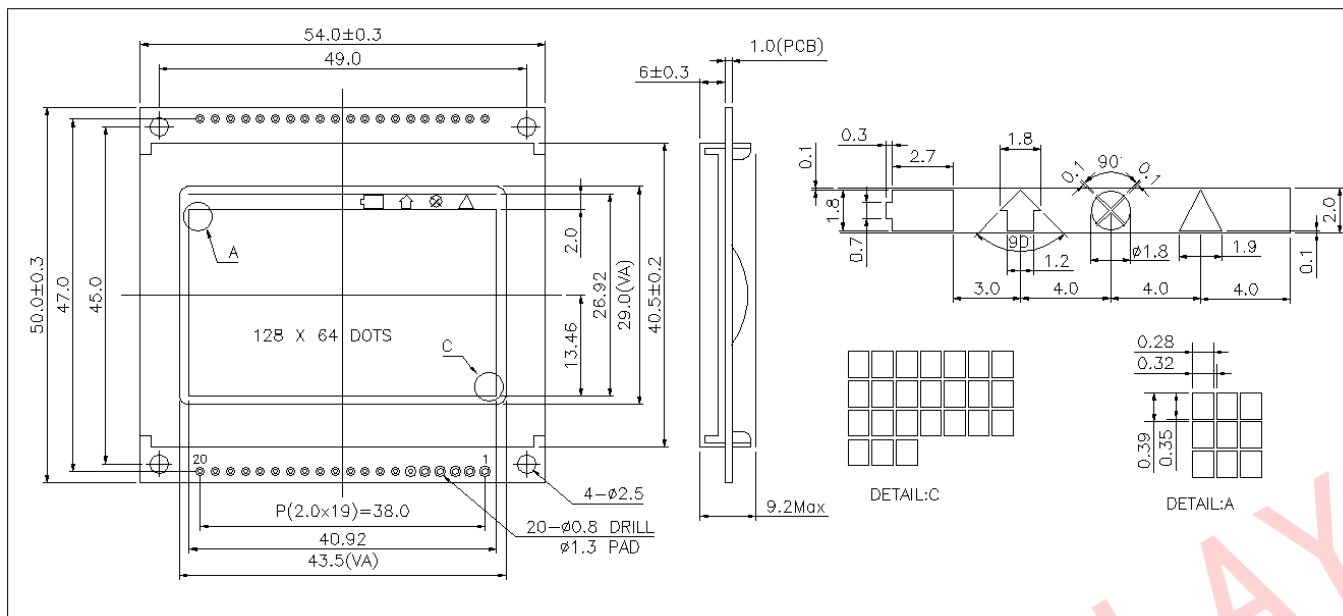




PIN CONNECTIONS

Pin	Symbol	Level	Function
1	V _{SS}	0V	GND
2	V _{DD}	+5V	Power supply for logic
3	NC	-	No connection
4	RS	H/L	“H” Data “L” Instruction code
5	R/W	H/L	Write /Read signal
6	E	H/L	Chip enable signal
7	DB0	H/L	Data bus
14	DB7		
15	CS1	H/L	Chip select,Active “H”
16	CS2	H/L	Chip select,Active “H”
17	/REST	H/L	Reset signal,active“L”
18	NC	-	No connection
19	LEDA	+5V	Power supply for LED
20	LEDK	0V	

NOTES:

- Built-in controller(SBN0064G-D or Equivalent)
- 5V power supply

MECHANICAL DATA

Item	Nominal Dimensions	Unit
Module Size (W x H x T)	54.0X50.0X9.2	mm
Viewing Area (W x H)	43.5X29.0	mm
Dot Pitch (W x H)	0.32X0.39	mm
Dot Size (W x H)	0.28X0.35	mm

ABSOLUTE MAXIMUM RATINGS

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

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

Item	Symbol	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}	-	TBD	-	mA
LCD Driving Voltage	V _{DD} -V _O	-	8.8	-	V

LED BACKLIGHT SPECIFICATION (T_a=25°C)

Item	Forward Voltage	Forward Current
WHITE	3.1V	45mA