



PIN CONNECTIONS

Pin	Symbol	Level	Function
1	VDD	+5V	Power supply for Logic
2	VSS	0V	Ground
3	NC	-	No connection
4~11	DB0-DB7	H/L	Date bus line
12	/CS1	L	Chip select ,active “L”
13	CS2	-	1: Power Supply ON 0: Power Supply OFF
14	/REST	L	Reset signal ,active “L”
15	R/W	H/L	Write signal
16	D/C	H/L	Data/Command select
17	E		Enable signal
18	BS1	H/L	BS1,BS2= 11:8080Parallel
19	DISP	H/L	H: OLED on L: OLED off
20	BS2	H/L	BS1,BS2= 11:8080Parallel

MECHANICAL DATA

Item	Nominal Dimensions	Unit
Module Size (W x H x T)	75.0×52.7×8.5MAX.	mm
Viewing Area (W x H)	57.5X30	mm
Character Size(W x H)	0.43X0.43	mm
Dot Size (W x H)	0.40X0.40	mm

ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Min.	Max.	Unit
Supply Voltage (Logic)	V _{DD} -V _{SS}	0	5.5	V
Operating Temp.	T _{OPR.}	-40	+80	°C
Storage Temp.	T _{STG.}	-40	+80	°C

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

Item	Symbol	Min.	Typ.	Max.	Unit
Input High Voltage	V _{IH}	0.8 V _{DD}	-	-	V
Input Low Voltage	V _{IL}	-	-	0.2V _{DD}	V
Output High Voltage	V _{OH}	0.9 V _{DD}	-	-	V
Output Low Voltage	V _{OL}	-	-	0.1V _{DD}	V
Supply Current	I _{DD}	-	TBD	-	mA

NOTES:

1. controller compatible with SSD1305
2. 5.0V power supply
3. Parallel/Serial interface optional
4. Display color : Green/Yellow