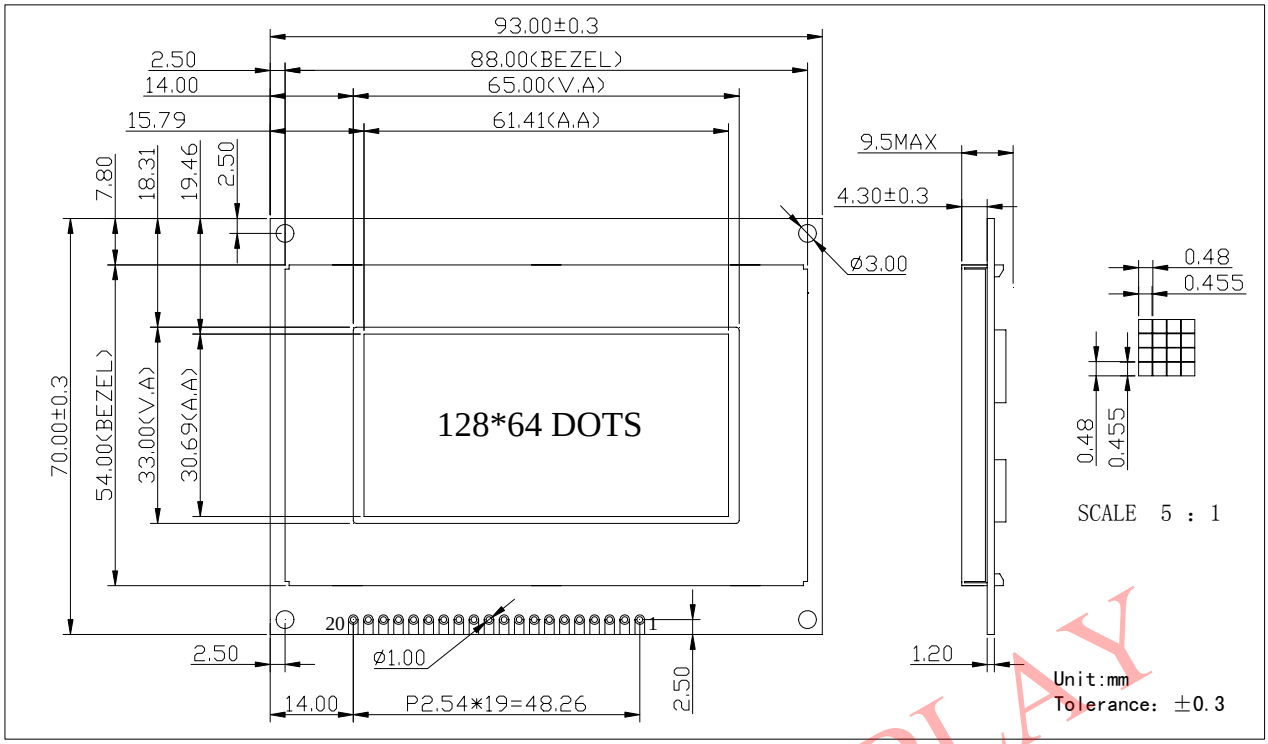


PIN CONNECTIONS

Pin	Symbol	Level	Function
1	VSS	0V	Ground
2	VDD	5V	Power supply for Logic
3	NC	-	No connection
4	D/C	H/L	Data/Command select
5	/WR	L	8080：Write signal
6	/RD	L	8080：Read signal
7~14	DB0~DB7	H/L	Data bus line Serial mode :D1-SI D0-SCL
15	/CS	L	Chip enable signal
16	/REST	L	Reset signal ,active “L”
17	BS1	H/L	BS1、BS2 interface select: 11:8080 parallel
18	BS2		
19	NC	-	No connection
20	FG	-	Frame Ground

MECHANICAL DATA

Item	Nominal Dimensions	Unit
Module Size（W x H x T）	93.0X70.0X9.5 MAX	mm
Viewing Area (W x H)	65.0X33.0	mm
Character Size(W x H)	0.48X0.48	mm
Dot Size (W x H)	0.455X0.455	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	℃
Storage Temp.	$T_{STG.}$	-40	+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
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}	-	110	-	mA

NOTES:

1. controller compatible with SSD1325
2. 3.3V/5V power supply optional
3. Parallel / Serial interface optional
4. Display color : Green/Yellow

TSINGTEK DISPLAY