

Part number list

WO12864K1-□□□-□□#

Feature

1. Built-in controller ST7565P
2. Built-in voltage booster
3. +3.0V single power supply
4. 6800 / 8080 / SPI interface

Pin Assignment

Pin No.	Symbol	Description
1	/CS1	Chip select signal
2	/RES	Reset input
3	A0	H: Instruction code, L: Data code
4	/WR	/WR or R/W
5	/RD	/RD or E
6-13	D0-D7	Data bus line
14	VDD	Power supply for logic
15	GND	Ground
16	VOOUT	DC/DC voltage converter
17	CAP3+	DC/DC voltage converter
18	CAP1-	DC/DC voltage converter
19	CAP1+	DC/DC voltage converter
20	CAP2+	DC/DC voltage converter
21	CAP2-	DC/DC voltage converter
22-26	V4-V0	Bias voltage levels for LCD driving
27	VR	LCD contrast adjustment when IRS = "L"
28	C86	MPU interface selection pin
29	P/S	Interface selection pin
30	IRS	This selects the resistors for the V0 voltage level adjustment

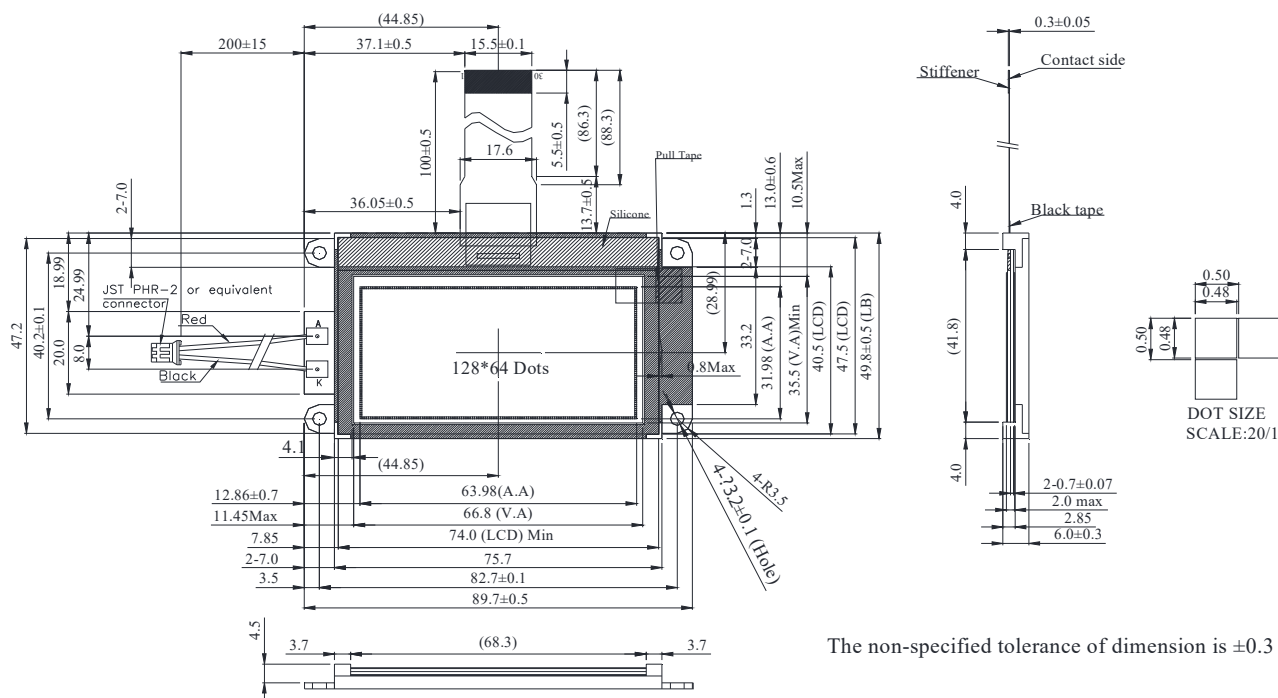
Mechanical Data

Item	Standard Value	Unit
Module Dimension	89.7 x 49.8	mm
Active Area	63.98 x 31.98	mm
Dot Pitch	0.50 x 0.50	mm
Dot Size	0.48 x 0.48	mm

Electrical Characteristics

Item	Symbol	Standard Value typ.	Unit
Input Voltage	VDD	3.0	V

Mechanical Drawing



The non-specified tolerance of dimension is ±0.3 mm .