

### Part number list

WO2004A-□□□-□□#

### Feature

1. Built-in controller SSD1803AM1Z
2. +3V / +5V single power supply
3. I2C interface

### Pin Assignment

Pin No.	Symbol	Description
1	/RES	Controller reset signal, Active Low
2	Vout	Positive Voltage output
3	V0	Bias voltage levels for LCD driving
4	V1	Bias voltage levels for LCD driving
5	V2	Bias voltage levels for LCD driving
6	V3	Bias voltage levels for LCD driving
7	V4	Bias voltage levels for LCD driving
8	VDD	Power supply for logic
9	VDDREG	Enable VDD regulator in 5V I/O Application:
10	VDDIO	Power supply for logic
11	Vss	Ground
12	SCL	Serial clock input
13	SDA	Serial input data

### Mechanical Data

Item	Standard Value	Unit
Module Dimension	74.3 x 36.4	mm
Viewing Area	60.5 x 22.18	mm
Dot Size	0.45 x 0.54	mm
Character Size	2.45 x 4.67	mm

### Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Input Voltage	VDD	3	V
Recommended LCD Driving Voltage for Normal Temp. Version module @ 25°C	VDD-V0	7.8	V

### Mechanical Drawing

