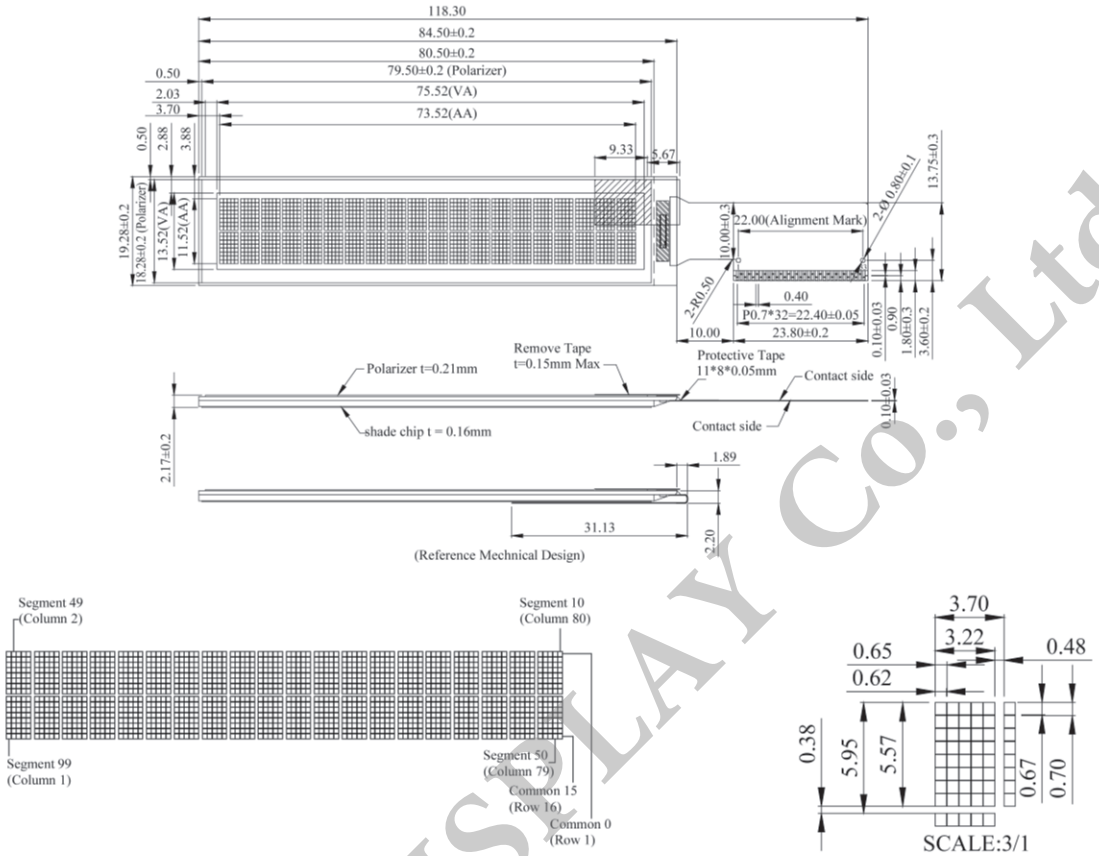
WEO002002A OLED Character 20x2



Feature

1. 20 characters x 2 Lines
2. Built-in controller SSD1311M1Z
3. 3V Power supply
4. 1/16 duty
5. Interface: 6800, 8080, SPI, I2C
6. Polarizer optional

Pin No.	Symbol	Description
1,33	NC	Not Connected
2	VSL	SEG voltage refer Pin
3	VSS	Ground Pin
4	REGVDD	Internal VDD regulator
5	SHLC	COM Scan Direction
6	SHLS	SEG Scan Direction
7	VDD	Voltage for logic
8	VDDIO	Voltage for interface logic
9	BS0	Interface Selection
10	BS1	Interface Selection
11	BS2	Interface Selection
12	GPIO	GPIO pin
13	CS#	Chip Select Pin
14	RES#	Reset Signal Pin
15	D/C#	Data/Command Control Pin
16	R/W#	Read/Write Control
17	E(RD#)	Chip Enable Signal
18~25	D0~D7	Data Bus
26	IREF	SEG Current Refer Pin
27	ROM0	Character ROM selection
28	ROM1	Character ROM selection
29	OPR0	Character RAM selection
30	OPR1	Character RAM selection
31	VCOMH	COM deselected level
32	VCC	Panel driving voltage

Mechanical Data

Item	Standard Value	Unit
Module Dimension	84.5 x 19.28	mm
Viewing Area	75.52 x 13.52	mm
Active Area	73.52 x 11.52	mm
Dot Pitch	0.65 x 0.70	mm
Dot Size	0.62 x 0.67	mm

Electrical Characteristics

Item	Symbol	Condition	Standard Value			Unit
			min.	typ.	max.	
Input Voltage	VDD	---	2.8	3.0	3.3	V

WINSTAR DISPLAY Co., Ltd.