

WINSTAR Display

OLED SPECIFICATION

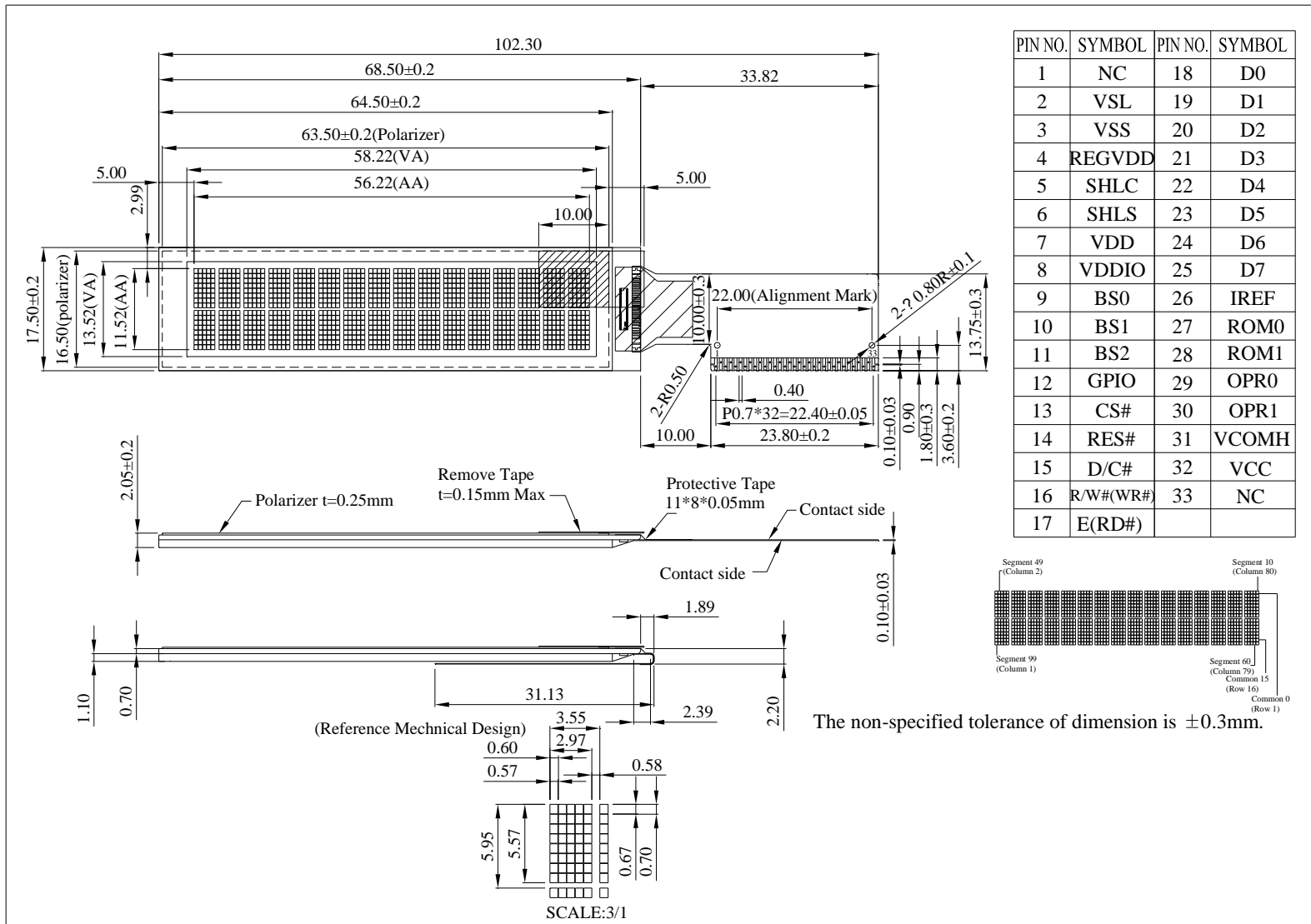
Model No:

WEO001602C

General Specification

Item	Dimension	Unit
Number of Characters	16 characters x 2 Lines	—
Module dimension	68.5 x 17.5 x 2.05	mm
View area	58.22 x 13.52	mm
Active area	56.22 x 11.52	mm
Dot size	0.57 x 0.67	mm
Dot pitch	0.60 x 0.70	mm
Character size	2.97 x 5.57	mm
Character pitch	3.55 x 5.95	mm
Panel type	OLED , Yellow	
Duty	1/16	
IC	SSD1311	

Counter Drawing & Block Diagram



Absolute Maximum Ratings

Item	Symbol	Min	Max	Unit	Notes
Supply Voltage For Logic	VDDIO	-0.3	6.0	V	
Operating Temperature	T _{OP}	-40	+80	°C	
Storage Temperature	T _{ST}	-40	+80	°C	

Electrical Characteristics

Item	Symbol	Condition	Min	Typ	Max	Unit
Supply Voltage For Logic	VDDIO	—	4.8	5.0	5.3	V
Supply Voltage for Display	VCC	—	10	12	15	V
Input High Volt.	V _{IH}	—	0.8 VDD	—	—	V
Input Low Volt.	V _{IL}	—	—	—	0.2VDD	V
Output High Volt.	V _{OH}	I _{OH} =-0.5mA	0.9 VDD	—	—	V
Output Low Volt.	V _{OL}	I _{OL} =0.5mA	—	—	0.1 VDD	V
50% Check Board Operating Current	ICC	VCC=12V	14	16	18	mA