

WINSTAR Display

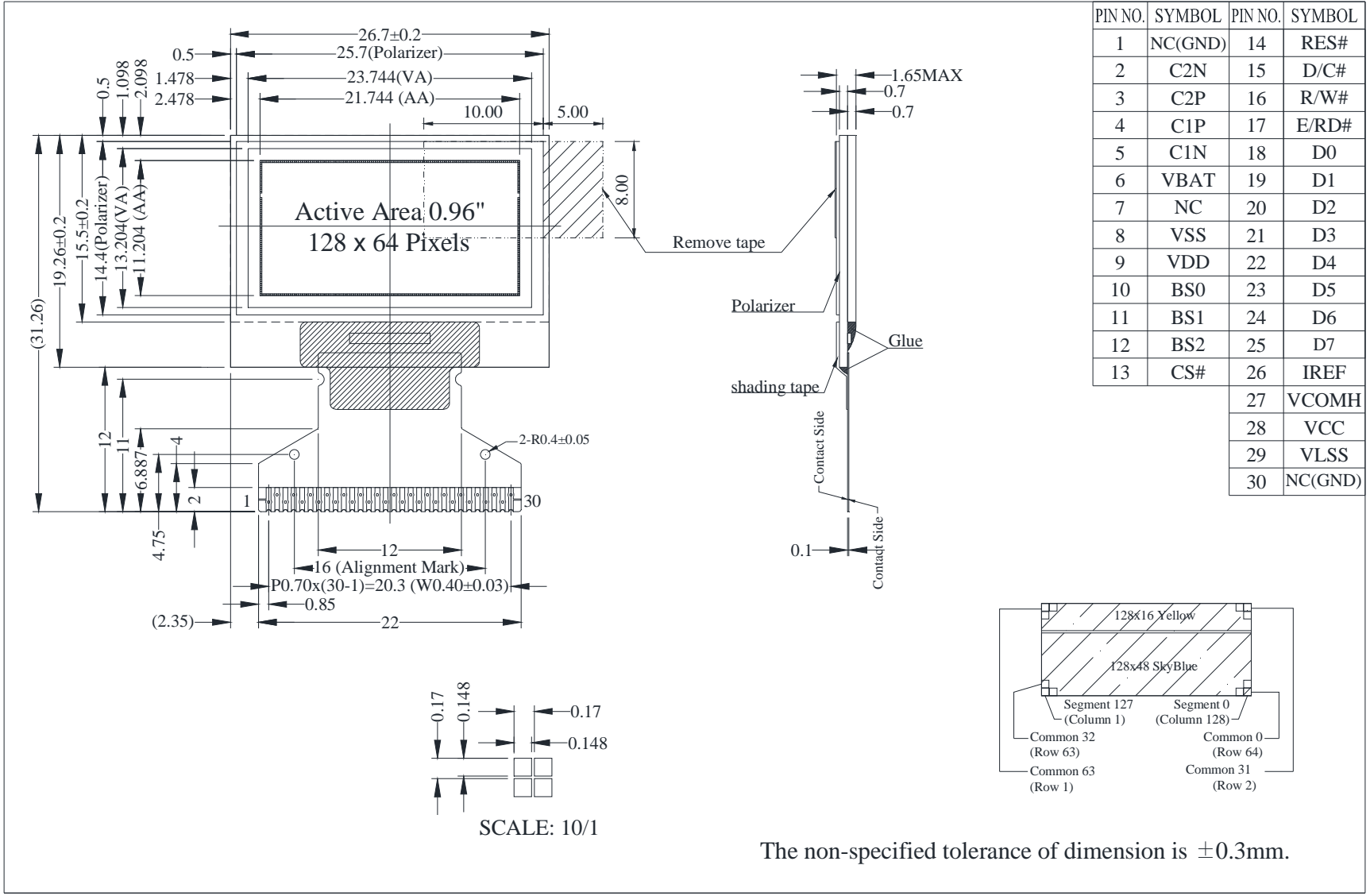
OLED SPECIFICATION

Model No: WEO012864M

General Specification

Item	Dimension	Unit
Dot Matrix	128 x 64 Dots	—
Module dimension	26.7× 19.26 × 1.65 (mm)	mm
Active Area	21.744×11.204 (mm)	mm
Pixel Size	0.148 × 0.148 (mm)	mm
Pixel Pitch	0.17 × 0.17 (mm)	mm
Display Mode	Passive Matrix	
Display Color	Yellow / SkyBlue	
Drive Duty	1/64 Duty	
IC	SSD1306	

Counter Drawing & Block Diagram



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

Absolute Maximum Ratings

Parameter	Symbol	Min	Max	Unit	Notes
Supply Voltage for Logic	VDD	0	3.3	V	1,2
Supply Voltage for Display	VCC	0	15	V	1,2
Operating Temperature	TOP	-30	+70	°C	—
Storage Temperature	TSTG	-40	+80	°C	—

Electrical Characteristics

Item	Symbol	Condition	Min	Typ	Max	Unit
Supply Voltage for Logic	VDD	—	2.8	3.0	3.3	V
Supply Voltage for Display	VCC	—	10	12	15	V
Input High Volt.	VIH	—	0.8xVDD	—	VDDIO	V
Input Low Volt.	VIL	—	0	—	0.2xVDD	V
Output High Volt.	VOH	—	0.9xVDD	—	VDDIO	V
Output Low Volt.	VOL	—	0	—	0.1xVDD	V
50% Check Board operating Current	ICC	Vcc =12V	9	10	12	mA