

WINSTAR Display

OLED SPECIFICATION

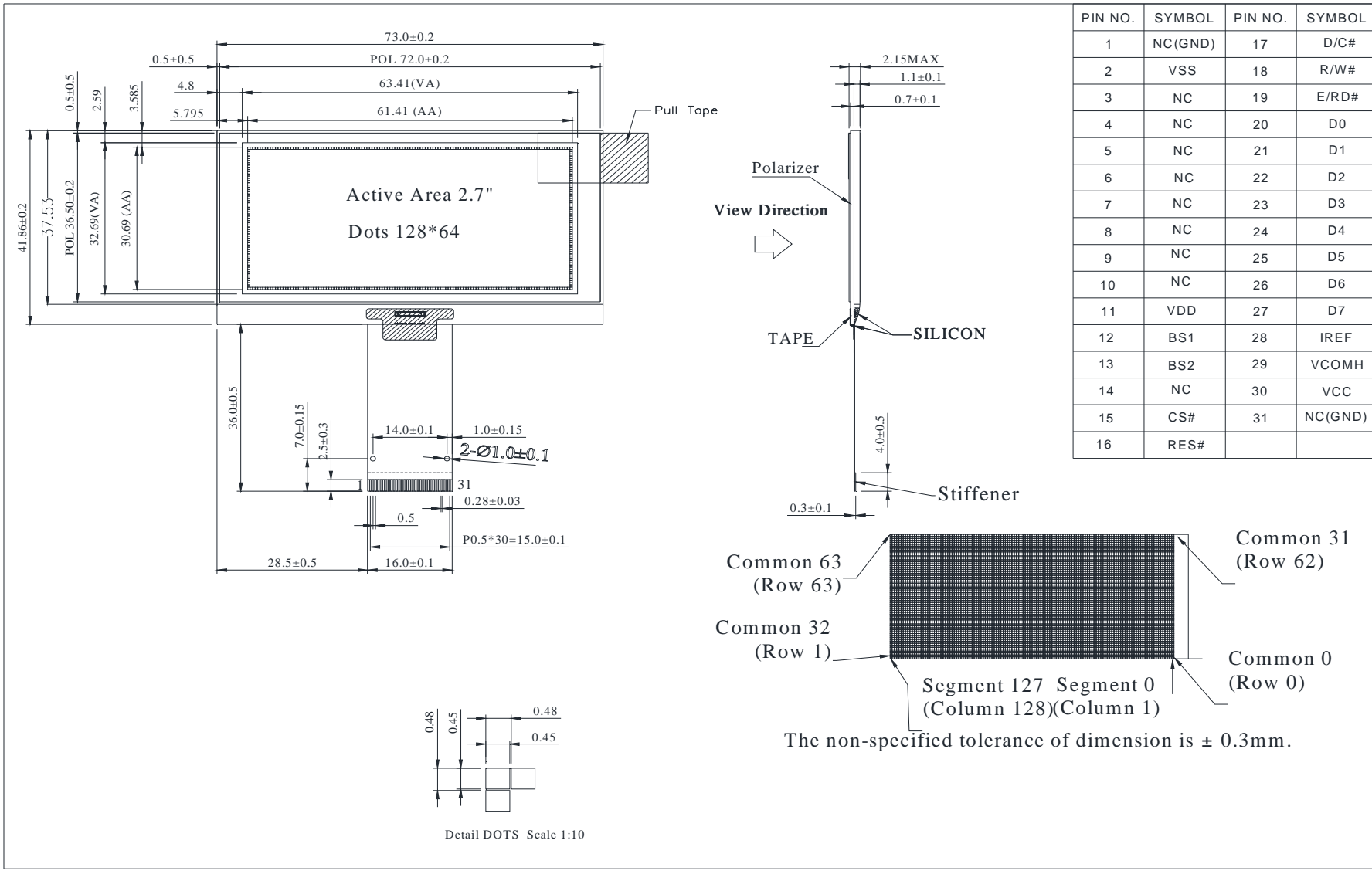
Model No:

WEO012864K

General Specification

Item	Dimension	Unit
Dot Matrix	128 x 64	—
Module dimension	73.0 × 41.86 × 2.15 (mm)	mm
Active Area	61.41 × 30.69 (mm)	mm
Pixel Size	0.45 × 0.45 (mm)	mm
Pixel Pitch	0.48 × 0.48 (mm)	mm
Display Mode	Passive Matrix	
Display Color	Monochrome (Yellow)	
Drive Duty	1/64 Duty	

Counter Drawing & Block Diagram



Absolute Maximum Ratings

Parameter	Symbol	Min	Max	Unit	Notes
Supply Voltage for Logic	VDD	-0.3	4	V	1, 2
Supply Voltage for Display	VCC	0	15	V	1, 2
Operating Temperature	TOP	-40	+80	°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	—	12	13	14	V
High Level Input	VIH	—	0.8×VDD	—	—	V
Low Level Input	VIL	—	—	—	0.2×VDD	V
High Level Output	VOH	—	0.9×VDD	—	—	V
Low Level Output	VOL	—	—	—	0.1×VDD	V
50% Check Board operating Current		VCC =13.0V	20	22	24	mA