

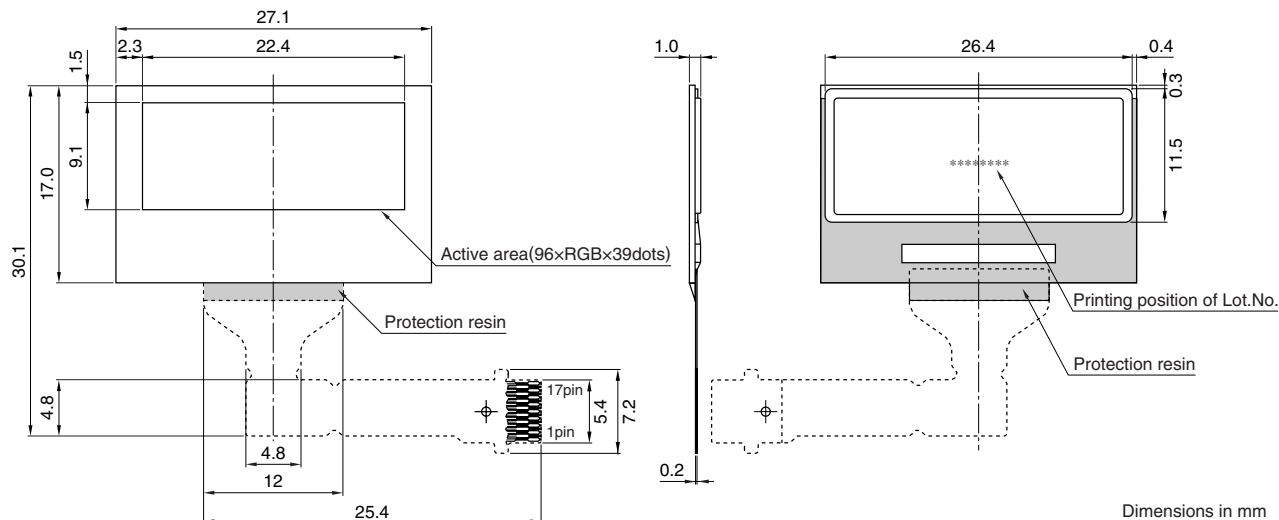
Organic Light Emitting Display

Full-color Type/Passive Matrix Method

Conformity to RoHS Directive

UEL Series UEL306

SHAPES AND DIMENSIONS



SPECIFICATIONS

Model	UEL306
Resolution(W×H)	96×RGB×39
Active area(mm)	22.4×9.1
Pixel pitch(mm) (Dot pitch)	0.23×0.23
Thickness(mm)	1.0typ.
Weight(g)	1.2
Luminance(cd/m ²)	220
Circular polarizer(CPL)	Without CPL
Contrast	10000:1
Color/Gray scale	65,536
Half lifetime of luminance [Hours, 25°C, lighting rate: 30%]	≥ 8,000
Operating temperature range(°C)	-20 to +75
Storage temperature range(°C)	-40 to +85
Connection	COG
Interface	SPI
Panel drive voltage(V)	16.5typ.
Logic power voltage(V)	VDD: 2.7typ. VDDIO:1.8typ.
Power current(mA)	20
Power consumption(mW)	360max.

PIN ASSIGNMENT

Pin No.	Pin name	Function description	I/O
1	VCC	OLED drive power supply	P
2	NC	No connection	—
3	AGND	GND for OLED drive power supply	P
4	GND	GND for logic	P
5	IREF	Segment current reference pin	P
6	CSB	Chip select	I
7	RSTB	Reset	I
8	DC	Data/Command select	I
9	GND	GND for logic	P
10	VDDIO	Interface power supply	P
11	VDD	Logic power supply	P
12	SCLK	Serial clock	I
13	SDIN	Serial data	I
14	VCOMH	COMH voltage	P
15	VCC	OLED drive power supply	P
16	NC	No connection	—
17	AGND	GND for OLED drive power supply	P

• I=Input, P=Power pin

- Under license of KODAK OLED patents.
- Conformity to RoHS Directive: This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.

- All specifications are subject to change without notice.