

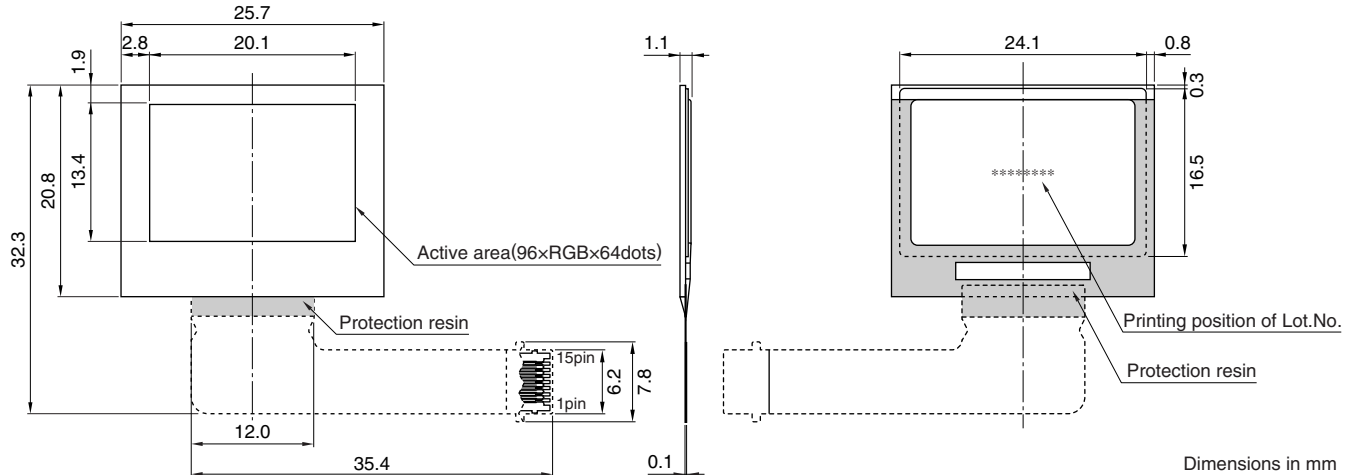
Organic Light Emitting Display

Full-color Type/Passive Matrix Method

Conformity to RoHS Directive

UEL Series UEL341

SHAPES AND DIMENSIONS



SPECIFICATIONS

| | |
|---|-------------------------------|
| Model | UEL341 |
| Resolution(W×H) | 96×RGB×64 |
| Active area(mm) | 20.1×13.4 |
| Pixel pitch(mm) (Dot pitch) | 0.21×0.21 |
| Thickness(mm) | 1.1typ. |
| Weight(g) | 1.6 |
| Luminance(cd/m ²) | 190 |
| 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) | 17.0typ. |
| Logic power voltage(V) | VDD: 2.7typ. VDDIO:1.8typ. |
| Power current(mA) | 23 |
| Power consumption(mW) | 430max. |

PIN ASSIGNMENT

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