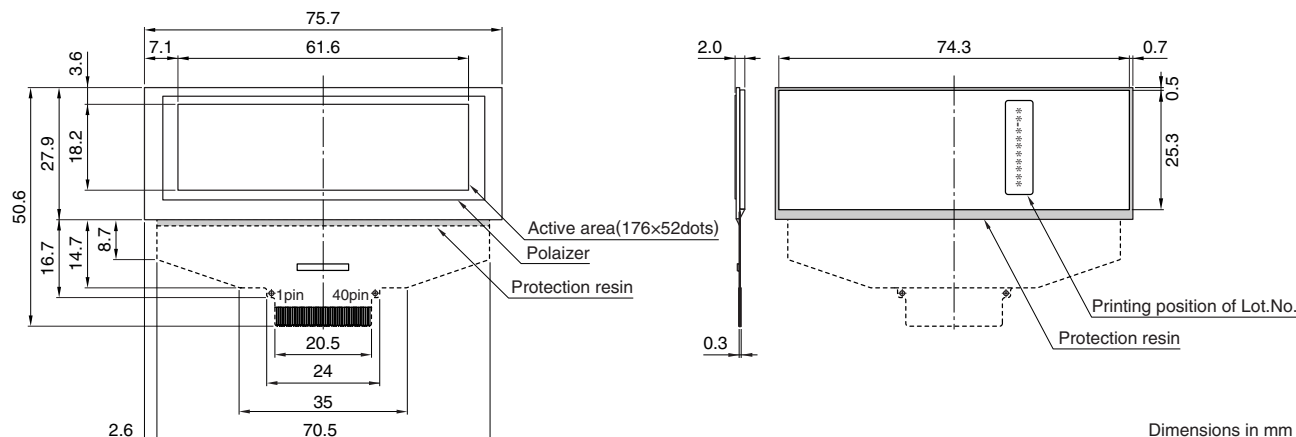


Organic Light Emitting Display Mono-color Type/Passive Matrix Method

Conformity to RoHS Directive

UEL Series UEL237

SHAPES AND DIMENSIONS



SPECIFICATIONS

Model	UEL237
Resolution(W×H)	176×52
Active area(mm)	61.6×18.2
Pixel pitch(mm) (Dot pitch)	0.35×0.35
Thickness(mm)	2.0typ.
Weight(g)	8
Luminance(cd/m ²)	120
Circular polarizer(CPL)	With CPL
Contrast	10000:1
Color/Gray scale	1(white)/16
Half lifetime of luminance [Hours, 25°C, lighting rate: 30%]	≥ 40,000
Operating temperature range(°C)	-20 to +75
Storage temperature range(°C)	-40 to +85
Connection	COF
Interface	Parallel/SPI
Panel drive voltage(V)	13.5typ.
Logic power voltage(V)	3.3typ.
Power current(mA)	36
Power consumption(mW)	650max.

PIN ASSIGNMENT

Pin No.	Pin name	Function description	I/O
1	AGND	GND for OLED drive power supply	P
2	NC	No connection	—
3	VCC	OLED drive power supply	P
4	NC	No connection	—
5	GND	GND for logic	P
6	NC	No connection	—
7	VDD	Logic power supply	P
8	VDDIO	Interface power supply	P
9	D7	Data bus	I/O
10	D6	Data bus	I/O
11	D5	Data bus	I/O
12	D4	Data bus	I/O
13	D3	Data bus	I/O
14	D2	Data bus	I/O
15	D1	Data bus	I/O
16	D0	Data bus	I/O
17	RDB	Read	I
18	WRB	Write	I
19	DC	Data/Command select	I
20	RSTB	Reset	I
21	CSB	Chip select	I
22	NC	No connection	—
23	AGND	GND for OLED drive power supply	P
24	AGND	GND for OLED drive power supply	P
25	AGND	GND for OLED drive power supply	P
26	NC	No connection	—
27	VCC	OLED drive power supply	P
28	NC	No connection	—
29	GND	GND for logic	P
30	PS	Interface select	—
31	VDDIO	Interface power supply	P
32	NC	No connection	—
33	VDDIO	Interface power supply	P
34	VDD	Logic power supply	P
35	NC	No connection	—
36	GND	GND for logic	P
37	NC	No connection	—
38	VCC	OLED drive power supply	P
39	NC	No connection	—
40	AGND	GND for OLED drive power supply	P

- 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.