

A monarch butterfly with vibrant orange wings and black borders is perched on a blue flower. The background is a soft, light blue cloud-like shape. A large black letter 'A' is visible on the left side of the image.

1. PLED Display 64 x 16 dots
2. PT6807/6810 Control, same as KS1007/KS0108
3. + 5V single power supply
4. 1/16 duty
5. COB with metal frame
6. Color: yellow green

Item	Standard Value	Unit
Module Dimension	58.0 x 32.0	mm
Viewing Area	36.0 x 14.0	mm
Dot Size	0.40 x 0.50	mm
Character Size	0.50 x 0.53	mm



Pin	Symbol	Function
1	V _{ss}	GND
2	V _{dd}	+5V
3	NC	No connection
4	RS	H/L register select signal
5	R/W	H/L read/write signal
6	E	H --> L enable signal
7 ~ 14	DB0 ~ 7	H/L data bus line
15	/CS	Chip select
16	RST	Reset

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = +5V	5.0	V
Supply Current	Idd	Vdd = +5V	100	mA
Pixel Brightness	Iu	Vbt = 2.8V	35	cd/m ²
Lift Time		Vdd = +5V	10000	hrs

Technical drawing of a rectangular PCB layout, showing dimensions in millimeters (mm). The drawing includes a top view, a side view, and a detail view of the component array.

Top View Dimensions:

- Overall width: 58.00
- Overall height: 32.00
- Internal width segments: 6.00, 11.00, 12.80
- Internal height segments: 2.50, 27.00
- Horizontal segments from right edge: 47.20, 36.00(VA), 31.90(AA), 5.08, 15.24, 11.77, 9.00, 3.30
- Vertical segments from bottom edge: 8.45(AA), 14.00(VA), 23.40
- Bottom edge segments: 1.70, 2.54, 29.00, 53.00

Side View Dimensions:

- Overall height: 4.40
- Top flange width: 8.50
- Bottom flange width: 1.60

Detail View Dimensions (Component Array):

- Array height: 0.53
- Array width: 0.5
- Individual component width: 0.4
- Individual component height: 0.5

Component Labels:

- 16- ϕ 1.0PTH
- 16- ϕ 1.8PAD
- 4- ϕ 2.5PTH

Scale: DOT SIZE SCALE 5/1

