

## Safety Precautions

To ensure safe operation, be sure to read and follow the Instruction Manual provided with the Sensor.

### CAUTION

This product is not designed or rated for ensuring safety of persons either directly or indirectly. Do not use it for such purposes.



### Precautions for Safe Use

**Do not use the product with a voltage or current that exceeds the rated range.**

Applying a voltage or current that is higher than the rated range may result in explosion or fire.

**Do not miswire such as the polarity of the power supply voltage.**

Otherwise the product may be damaged or it may burn.

**Do not short-circuit the load.**

Otherwise explosion or burning may occur.

**This product does not resist water. Do not use the product in places where water or oil may be sprayed onto the product.**

### Precautions for Correct Use

**Do not use the product in atmospheres or environments that exceed product ratings. This product is for surface mounting. Refer to Soldering Information, Storage and Baking for details.**

**Dispose of this product as industrial waste.**

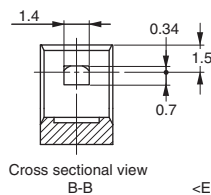
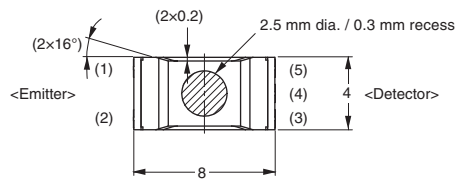
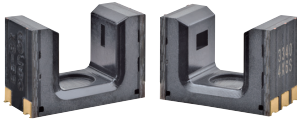
## Dimensions and Internal Circuit

(Unit: mm)

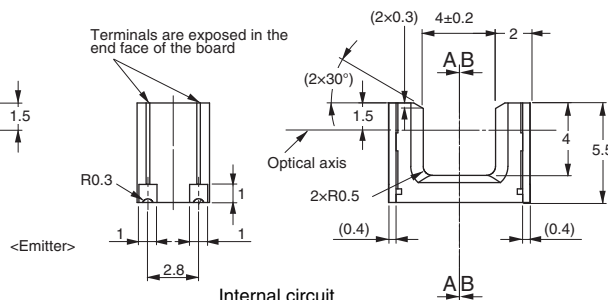
### Photomicrosensor

EE-SX3340

EE-SX4340

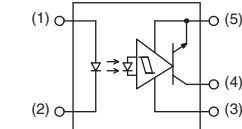


Cross sectional view B-B



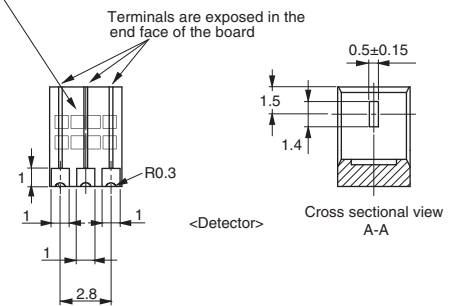
Internal circuit

Top view



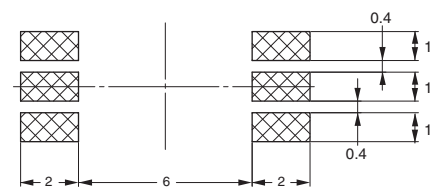
| Terminal No. | Name                 |
|--------------|----------------------|
| (1)          | Anode                |
| (2)          | Cathode              |
| (3)          | Power supply voltage |
| (4)          | Output               |
| (5)          | ground               |

Marking(Upper: model, Lower: lot number)



Cross sectional view A-A

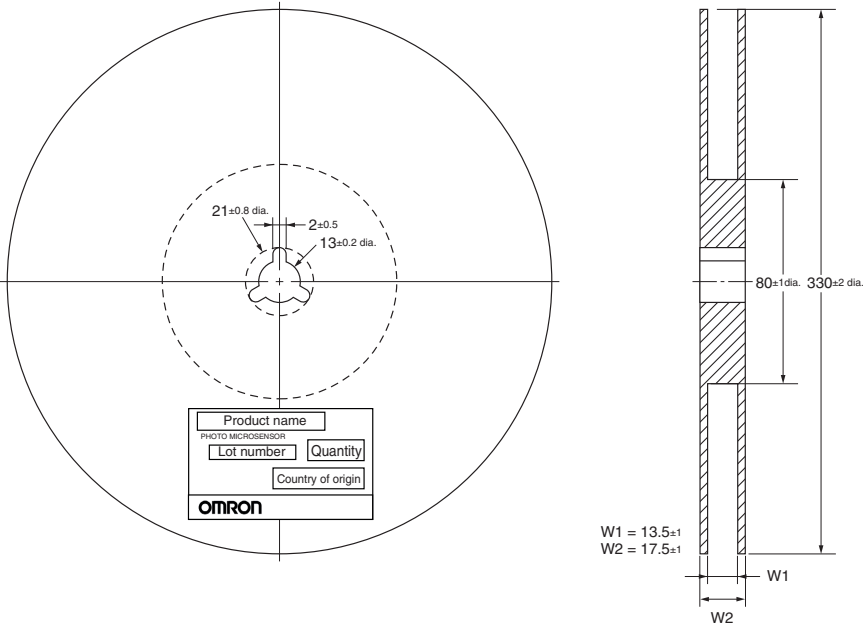
### Recommended soldering patterns



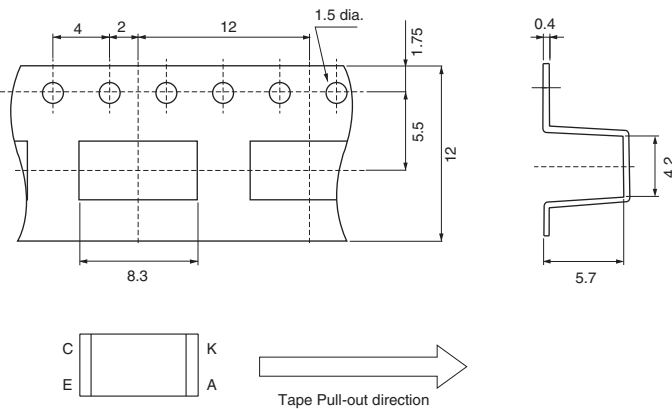
Unless otherwise specified, the tolerances are  $\pm 0.15$  mm.

# Tape and Reel

## Reel (Unit: mm)



## Tape (Unit: mm)



**Note:** Direction of product packing is upper figure.

## Tape quantity

1,000 pcs./reel