GL55 Series Photoresistor

Schematic Drawing

Performances and Features

- Coated with epoxy
- Good reliability
- Small volume
- High sensitivity
- Quick response
- Good spectrum characteristic

Typical Applications

- Camera automation photometry
- Photoelectric control
- Indoor sunlight control
- Annunciator
- Industrial control
- Optical control switch
- Optical control lamp
- Electronic toy

Standard Type and Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Type</th>
<th>Maximum Voltage</th>
<th>Maximum power</th>
<th>Environmental temperature</th>
<th>Spectrum peak value</th>
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### Testing Conditions

**Max external voltage:** Maximum voltage to be continuously given to component in the dark.

**Max power consumption:** Maximum power at the environmental temperature 25°C.

**Light resistance** Irradiate by 400-600Lux light for two hours, then test with 10Lux under standard light source A (as colour temperature 2856K)

**Dark resistance** Refer to the resistance value ten seconds after the 10Lux light is shut up.

### Main Characteristics Curve and Dimensions
Relative Resistance (%)

Temperature Property

Relative Response (%)

Wavelength $\lambda$ (nm)

Spectrum Response Characteristic

Illuminance-Resistance Characteristics Curve