Light Sensitive Resistor (LDR)

GL5506, GL5516, GL5528, GL5537, GL5539, GL5549

The GL series of photoresistors or light-dependent resistor (LDR) or photocell which is a light-controlled variable resistor. The resistance of a photoresistor decreases with increasing incident light intensity; in other words, it exhibits photoconductivity. A photoresistor can be applied in light-sensitive detector circuits, and light and dark activated switching circuits.

LDR Specifications

Model: GL5506
Maximum Voltage: 150v DC
Maximum Wattage: 100mw
Spectral Peak: 540nm
Light Resistance: 2K to 5K ohm
Dark Resistance: 0.2M ohm
Response Time (ms): Up: 20/ Down: 30
Material: Carbon
Size: 5 x 3mm/0.2 x 0.12"

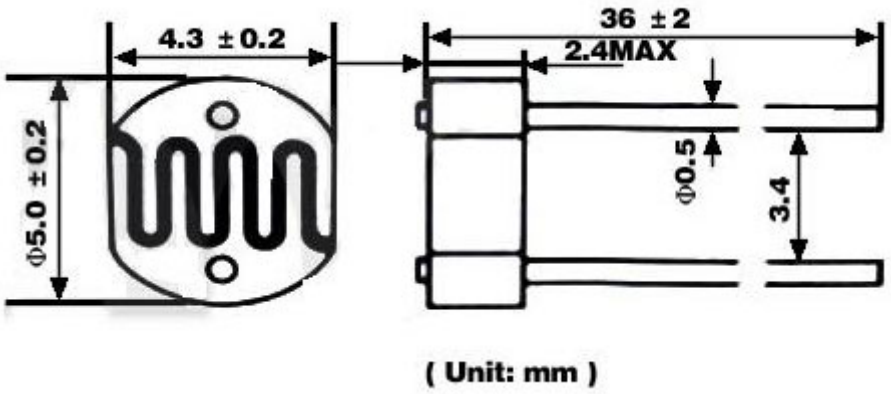
Model: GL5516
Maximum Voltage: 150v DC
Maximum Wattage: 100mw
Spectral Peak: 540nm
Light Resistance: 5K to 10K ohm
Dark Resistance: 0.5M ohm
Response Time (ms): Up: 20/ Down: 30
Material: Carbon
Size: 5 x 3mm/0.2 x 0.12"

Model: GL5528
Maximum Voltage: 150v DC
Maximum Wattage: 100mw
Spectral Peak: 540nm
Light Resistance: 10K to 20K ohm
Dark Resistance: 1M ohm
Response Time (ms): Up: 20/ Down: 30
Material: Carbon
Size: 5 x 3mm/0.2 x 0.12"

Model: GL5537
Maximum Voltage: 150v DC
Maximum Wattage: 100mw
Spectral Peak: 540nm
Light Resistance: 20K to 30K ohm
Dark Resistance: 2M ohm
Response Time (ms): Up: 20/ Down: 30
Material: Carbon
Size: 5 x 3mm/0.2 x 0.12"

Model: GL5539
Maximum Voltage: 150v DC
Maximum Wattage: 100mw
Spectral Peak: 540nm
Light Resistance: 30K to 40K ohm
Dark Resistance: 5M ohm
Response Time (ms): Up: 20/ Down: 30
Material: Carbon
Size: 5 x 3mm/0.2 x 0.12"

Model: GL5549
Maximum Voltage: 150v DC
Maximum Wattage: 100mw
Spectral Peak: 540nm
Light Resistance: 45K to 140K ohm
Dark Resistance: 10M ohm
Response Time (ms): Up: 20/ Down: 30
Material: Carbon
Size: 5 x 3mm/0.2 x 0.12"



(Unit: mm)