



# LDR Photoconductive Cell

## Light Dependent Resistor Photo Cell

N5AC-10508G

### Product Overview

Light Resistance: measured at 10 Lux with standard light A (2856K colour temperature) and 2 hour pre-illumination at 400-600 Lux prior to testing.

Dark Resistance: measured 10 seconds after closed 10 Lux.

The error tolerance of  $\gamma$  is +/- 0.1.

#### Absolute Maximum Ratings

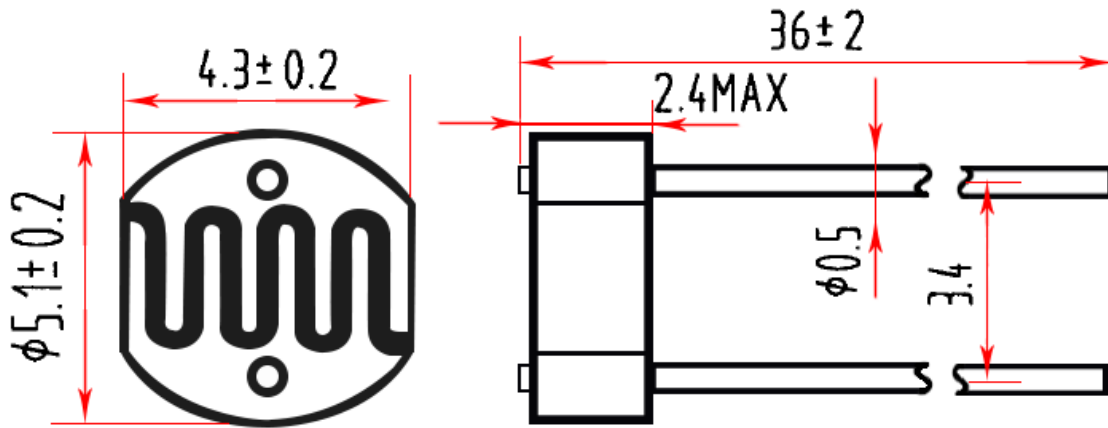
Allowable Power Dissipation: 100 mW (at 25°C).

Maximum Applied Voltage: 150 VDC.

Ambient Temperature Range: -30°C + 70°C.

Photo-electric Characteristics: (at 25°C).				
Parameter	Symbol	Minimum	Maximum	Units
Light resistance (at 10 Lux).	$R_{L10}$	50	100	k $\Omega$
Gamma Value (at 1~10 Lux).	$\gamma$	0.8		-D
Dark Resistance at 0 Lux.	$R_D$	10	-	M $\Omega$
Peak Spectral Response.	$\gamma_p$	540		nm

## Dimensions (mm)



## Product Order Code

Name	Description	Order Code
LDR Photoconductive Cell	Light Dependent Resistor Photocell	N5AC-10508G

## Copyright

See [www.LPRS.co.uk](http://www.LPRS.co.uk) for copyright statement.

## Disclaimer

See [www.LPRS.co.uk](http://www.LPRS.co.uk) for disclaimer statement.

## Terms & Conditions of Use

See [www.LPRS.co.uk](http://www.LPRS.co.uk) for Terms and Conditions of Use statement.

## Contact Information

For further information please visit [www.lprs.co.uk](http://www.lprs.co.uk) or call +44 (0) 1993 709418.

