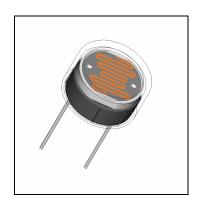
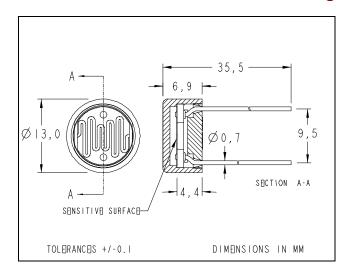


## NORPS-12 CdS Photocell

CdS Photocell Plastic Package





## **Description**

The NORPS-12 is a CdS photoconductive cell with a spectral response similar to that of the human eye, encapsulated in a moisture-resistant coating and enclosed in a plastic casing.

## **Absolute Ratings Maximum**

Operating Temperature
Storage Temperature
Voltage (peak AC or DC)
Power Dissipation at 30°C (2)

-60 to +75°C -60 to +75°C 250 Volts 250mW

**Electrical Characteristics** (T<sub>A</sub>=25°C unless otherwise noted)

<b>Symbol</b>	Parameter	Min.	Тур.	Max.	Units	Test Conditions
$R_L$	Light Resistance	5.4		12.6	kΩ	1 ftc. (1)
$R_D$	Dark Resistance	1.0			$M\Omega$	15 sec. after removal of test light.
$\lambda_{P}$	Spectral Peak		550		nm	

Specifications subject to change without notice

104510 REV 0

Notes: (1) Cells light adapted at 30 to 50 Ftc for 16 hrs minimum prior to electrical tests.

(2) Derate linearly to zero at 75°C.

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