

Optoelectronic Devices

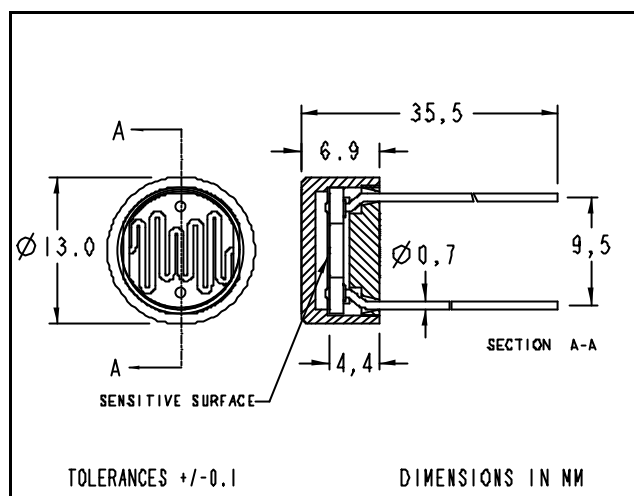
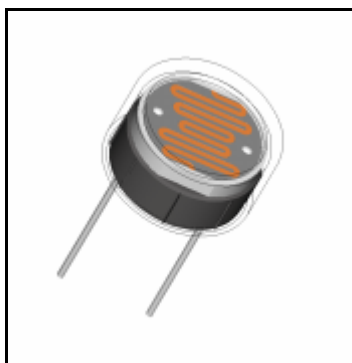
Order code	Manufacturer code	Description
58-0132	n/a	NORPS12 LIGHT DEPENDENT RESISTR NON ROHS
58-0132	n/a	NORPS12 LIGHT DEPENDENT RESISTR NON ROHS
77-1216	n/a	n/a

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The enclosed information is believed to be correct, Information may change 'without notice' due to product improvement. Users should ensure that the product is suitable for their use. E. & O. E.	Revision A 04/07/2003



NORPS-12

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	-60 to +75°C
Storage Temperature	-60 to +75°C
Voltage (peak AC or DC)	250 Volts
Power Dissipation at 30°C (2)	250mW

Electrical Characteristics ($T_A=25^{\circ}\text{C}$ unless otherwise noted)

Symbol	Parameter	Min.	Typ.	Max.	Units	Test Conditions
R_L	Light Resistance	5.4		12.6	$k\Omega$	1 ftc. (1)
R_D	Dark Resistance			2.5	$M\Omega$	15 sec. after removal of test light.
λ_P	Spectral Peak		550		nm	

Specifications subject to change without notice

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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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