



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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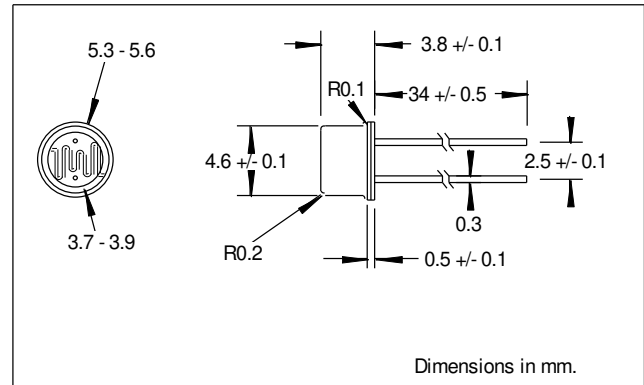


**Description**

The NSL-6110 is a light dependent resistor with sensitivity in the visible light region. The CdS photoconductive material is supplied in a TO-18 hermetically sealed package.

**Absolute Maximum Ratings**

Operating & Storage Temp	-60°C to +75°C
Power Dissipation @ 25°C (1)	50 mW
Voltage (peak AC or DC)	100 V
Soldering Temperature (3)	260°C



**Electrical Characteristics** (T<sub>A</sub>=25°C, and source at 2854 °K) (2)

Symbol	Parameter	Min	Typ	Max.	Units	Test Conditions
R <sub>L</sub>	Light Resistance	1.34	2.0	2.66	KΩ	2 Ftc., (2)
			170		Ω	100 Ftc.
R <sub>D</sub>	Dark Resistance	1.3			MΩ	5 sec after removal of light
λ <sub>P</sub>	Peak spectral wavelength		615		nm	

Specifications subject to change without notice.

REV 06/02-14

Notes: (1) Derate linearly to zero at 75°C

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

(3) ≥ 0.05" from case for < 10 sec.

(4) Print "NSL-6110" and data code "YYWW" on window can.