



NSL-6130

FEATURES

- Passive resistance output
- Hermetic sealed

DESCRIPTION

The NSL-6130 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.

APPLICATIONS

- Industrial

> Absolute Maximum Ratings

Part No.	Power Dissipation ¹ [mW]	Peak Voltage [V]	Operating Temperature [C]	Storage Temperature [C]	Package
NSL-6130	50	100	-60 to +75	-60 to +75	TO-18

(1) Derate linearly to 0mW at 75°C

> Electrical and Optical Characteristics

Typical Characteristics per elements (T=23°C unless specified)

Parameter	Test Conditions	Symbol	Min	Typical	Max	Unit
Light Resistance	2 ftc., 2854°K (2)	R _L	10	15	20	KΩ
	100 ftc., 2854°K (2)			1	-	KΩ
Dark Resistance	5 sec after removal of test light.	R _D	10	-	-	MΩ
Spectral Peak		λ _P	-	615	-	nm

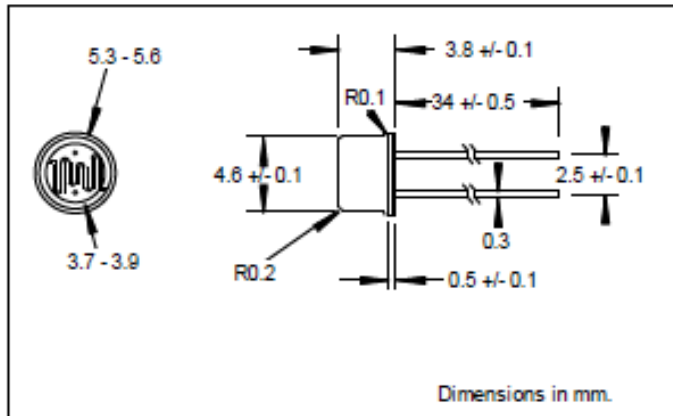
(2) Cells light adapted at 30 to 50 Ftc for 16 hrs minimum prior to electrical tests.

(3) Print "NSL-6130" and date code "YYWW".

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> Package Dimensions



> Soldering Conditions: 260°C 1/16 inch away from case for 3 seconds max.

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MATERIALS SAFETY

This product is free of conflict minerals and meets REACH compliance. Please see website for reports.

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