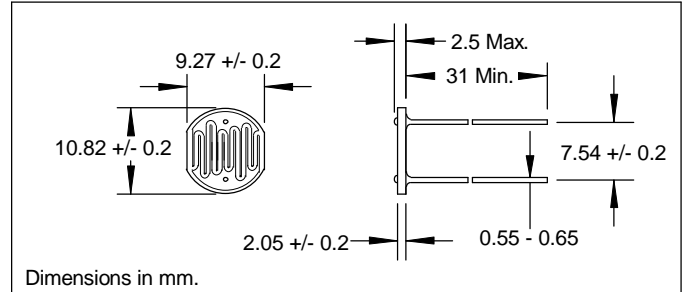


Description

The NSL-4962 is a CdS photoconductive cell on a TO-8 ceramic substrate. The photocell is encapsulated with epoxy for moisture resistance.

Absolute Maximum Ratings

Operating Temperature -60°C to +75°C
 Storage Temperature -60°C to +75°C
 Power Dissipation @ 25°C (1) 250 mW
 Voltage (peak AC or DC) 320V



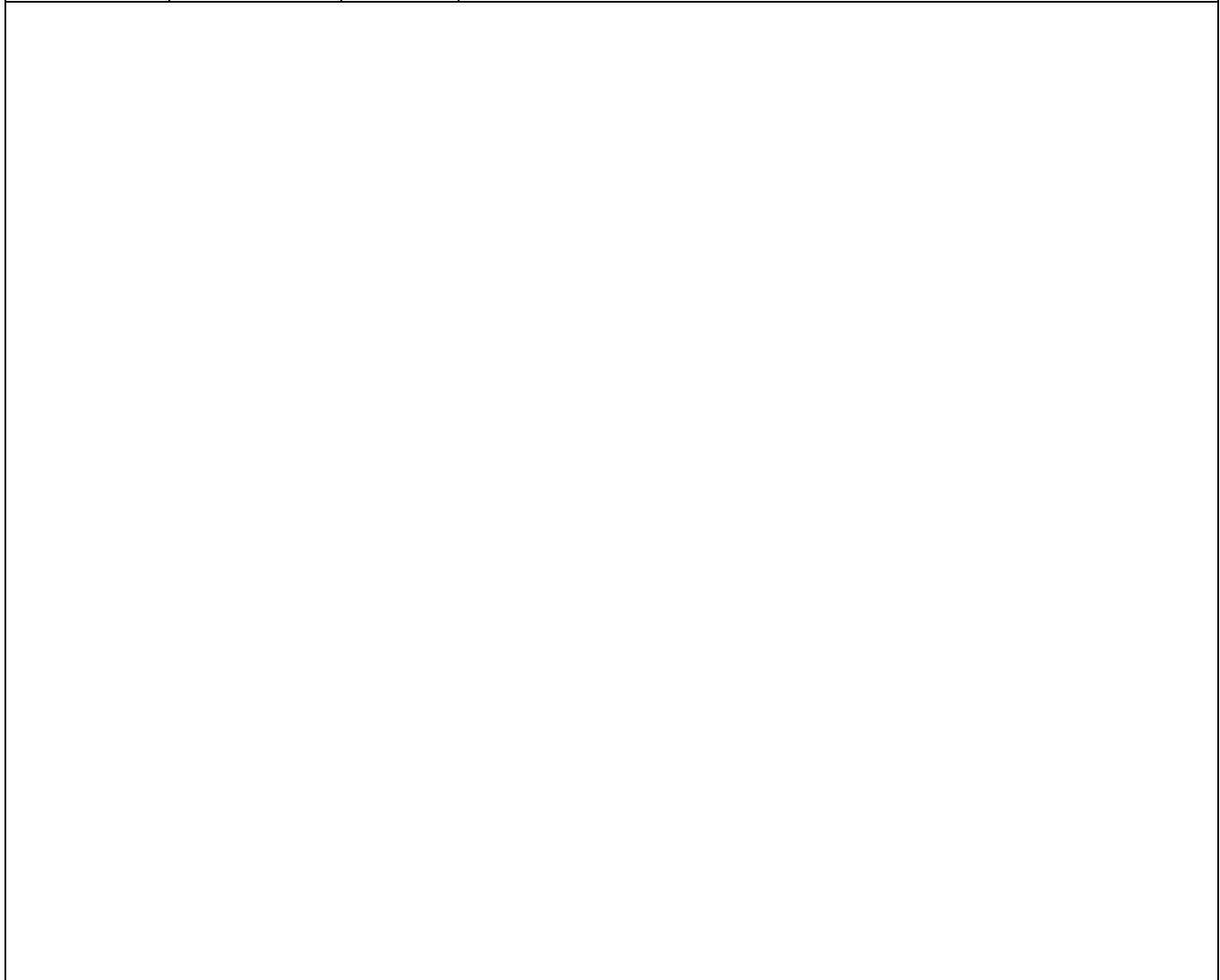
Electrical Characteristics (T_A=25°C, source at 2854°K)

Symbol	Parameter	Min	Typ	Max	Units	Test Conditions
R _L	Light Resistance	10	17	24	KΩ	1 ftc. (2)
R _D	Dark Resistance	1000			KΩ	15 sec. after removal of test light.
λ _p	Spectral Peak		550		nm	

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.

Revisions			
Revision	Date	ECN	Description
00	15-Nov-10		First Release



		DRAWN: Yat Lee		
		CHK:		
APPRVL:				
TITLE:				
Data Sheet, NSL-4962 TO-8 Ceramic Photocell				
SCALE:	DATE:	SIZE:	DWG NO:	SHEET
NONE	15-Nov-10	A	50 30 2 00143	2 OF 2

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