



DESCRIPTION

The NSL-5572 is a CdS photoconductive cell on a TO-5 ceramic substrate. The photocell is encapsulated with epoxy for moisture resistance.

FEATURES

- Passive resistance output
- Hermetic coated

RELIABILITY

Contact Luna for recommendations on specific test conditions and procedures.

APPLICATIONS

- Industrial

ABSOLUTE MAXIMUM RATINGS

SYMBOL	MIN		MAX	UNITS	(TA)= 23°C UNLESS OTHERWISE NOTED
Voltage (peak AC or DC)	-	-	120	V	-
Power Dissipation @ 25°C ¹	-	-	125	mW	-
Operation Temperature	-60	to	+75	°C	-
Storage Temperature	-60	to	+75	°C	-
Soldering Temperature ²	-	-	+260	°C	-

NOTE:

1. Derate linearly to 0 at 75°C
2. >0.08" from case for <5 sec.

OPTO-ELECTRICAL PARAMETERS

T_a = 23°C unless noted otherwise

PARAMETER	TEST CONDITIONS	MIN	TYP	MAX	UNITS
Light Resistance	2 ftc. 2854°K ³	32	47.5	63	KΩ
	100 ftc. 2854°K	-	2.0	-	KΩ
Dark Resistance	5 sec after removal of test light.	1.0	-	-	MΩ
Spectral Peak	-	-	550	-	nm

NOTE:

3. Cells light adapted at 30 to 50 ftc. for 16 hrs. minimum prior to electrical tests.