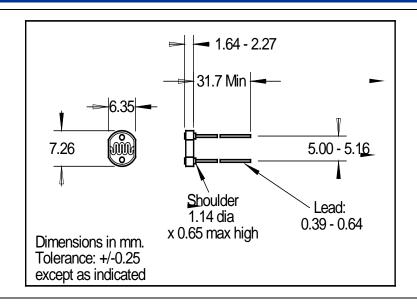


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DESCRIPTION

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.&}gt;0.08" from case for <5 sec.



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OPTO-ELECTRICAL PARAMETERS

 $T_a = 23$ °C unless noted otherwise

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

NOTE:

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