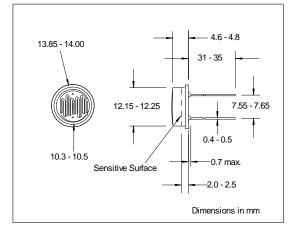


TO-8 Hermetic Photocell NSL-4980



FEATURES

- Passive resistance output
- Hermetic sealed

DESCRIPTION

APPLICATIONS

Industrial

The NSL-4980 is a light dependent resistor with sensitivity from visible light region. The photocell is contained in a TO-8 hermetically sealer package.

ABSOLUTE MAXIMUM RATING

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(TA)= 23°C UNLESS OTHERWISE NOTED

SYMBOL	PARAMETER	MIN	MAX	UNITS
VP	Voltage (peak AC or DC)		320	V
P _d	Power Dissipation @ 25°C (1)		500	mW
T _{Op}	Operating Temperature	-60	+75	°C
T _{Stg}	Storage Temperature	-60	+75	°C
Ts	Soldering Temperature (2)		+260	°C

RELIABILITY

Contact API for recommendations on specific test conditions and procedures. **ELECTRO-OPTICAL CHARACTERISTICS**

Note:

- (1) Derate linearly to 0 at 75°C
- (2) >0.08" from case for <5 sec.
- (3) Cells light adapted at 30 to 50 Ftc for 16 hrs minimum prior to electrical tests.
- (4) Print "NSL-4980" and date code "YYWW".

ELECTRO-OPTICAL CHARACTERISTICS			(TA)= 23°C, UNLESS OTHERWISE NOTED				
SYMBOL	CHARACTERISTIC	TEST CONDITIONS	MIN	TYP	MAX	UNITS	
RL	Light Resistance	1 ftc., 2854°K (3)	68	114	160	ΚΩ	
		100 ftc., 2854°K (3)		2.5		ΚΩ	
R _D	Dark Resistance	5 sec after removal of test light.	6.8			MΩ	
λP	Spectral Peak			515		nm	

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Advanced Photonix Inc. 1240 Avenida Acaso, Camarillo CA 93012 • Phone (805) 987-0146 • Fax (805) 484-9935 • www.advancedphotonix.com