



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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Peak Sensitivity Wavelength: 525nm

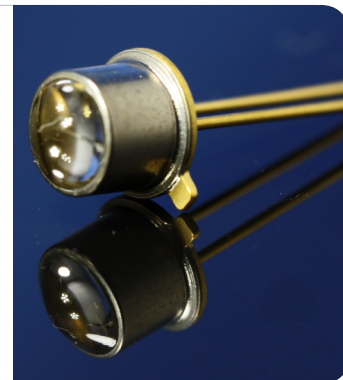
Visible Photo Diode enhanced for the Blue/Green Spectrum

FEATURES

- > Hermetically Sealed TO-18
- > Gold Plated Dome Lens Can
- > High Reliability
- > Narrow Angular Response

APPLICATIONS

- > Optical Analytics
- > Optical Switches
- > Light Barriers
- > Currency Validation



Absolute Maximum Ratings (Ta=25°C)



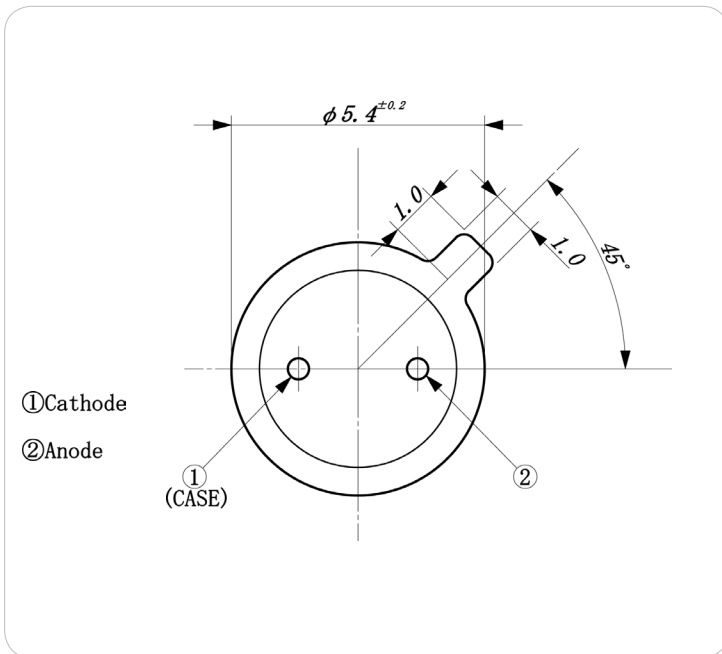
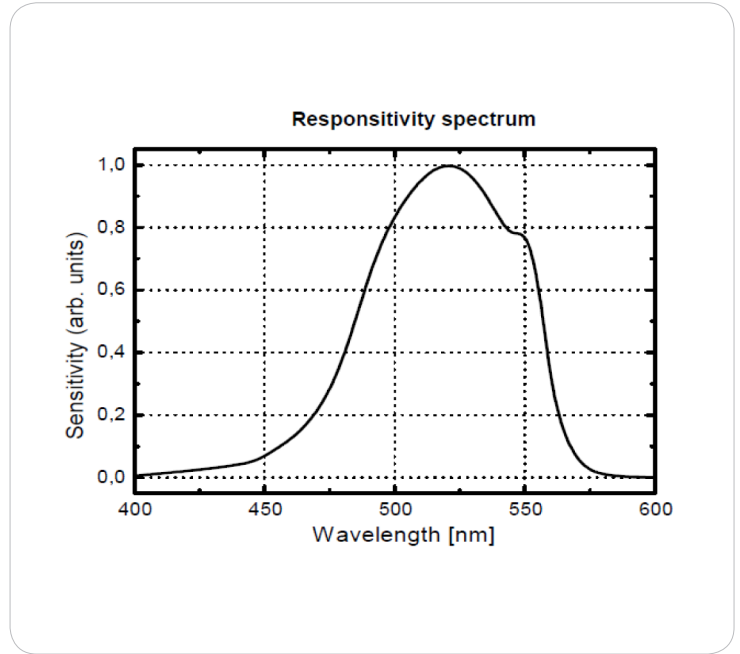
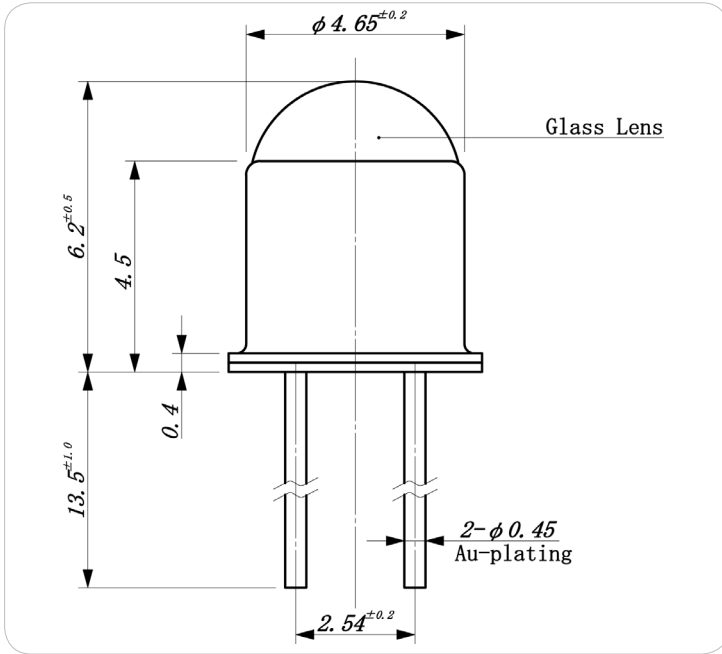
ITEMS	SYMBOL	RATINGS	UNIT
Reverse Voltage	VR	5	V
Operating Temperature Range	ToPr	-20 ~ +85	°C
Storage Temperature Range	Tstg	-30 ~ +100	°C
Lead Soldering Temperature	Tls	260	°C

*1: Time 5 Sec max, Position: Up to 3mm from the body.

Electrical & Optical Characteristics (Ta = 25°C)

ITEMS	SYMBOL	CONDITIONS	MIN	TYP	MAX	UNIT
Light Current	IL	*1	2.5	4.5	--	μA
Dark Current	ID	VR=5V	--	5	30	pA
Spectral Sensitivity	λ	--	--	410--580	--	nm
Peak Sensitivity Wavelength	λp	--	--	525	--	nm
Responsivity	S	*2	--	0.3	--	A/W
Angular Response	θ	--	--	±12	--	deg
Shunt Resistance		VR=10mV	--	350G	--	ohm
Capacitance		VR=0V	--	100	--	pf

*1: VR=5V, λ=525nm, Ee=1mW/cm², *2: VR=0V, λ=525nm.



Unit: mm, Tolerance: ± 0.2

The information contained herein is subject to change without notice.

2015/07/29