



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!



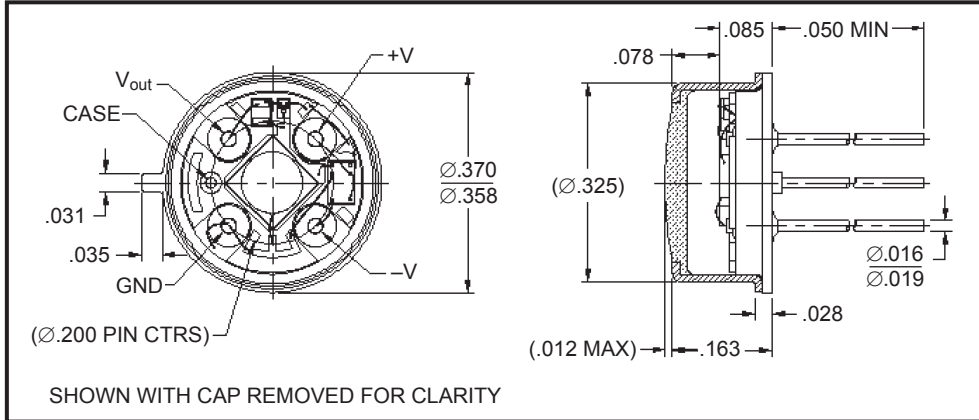
Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

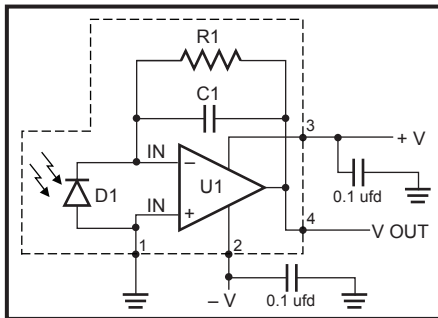
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





FEATURES

- Large active area
- Low noise
- High sensitivity
- Custom gains available
- Hermetically sealed TO-39
- Blue enhanced detector



ELECTRO-OPTICAL CHARACTERISTICS AT 23°C

PARAMETERS	TEST CONDITIONS	MIN	TYP	MAX	UNITS
Dark Offset	$V_s = \pm 15\text{ V}$			± 1.0	mV
Dark Offset Noise	$V_s = \pm 15$ BW = 0.1 to 800 kHz		477	1000	$\mu\text{V rms}$
Sensitivity	$V_s = \pm 15$ $\lambda = 450\text{ nm}$	20	28		V/mW
Frequency Response (-3 db)	$V_s = \pm 15$ $\lambda = 940\text{ nm}$	500	800		kHz
NEP	$\lambda = 940\text{ nm}$		6.76		$\text{pW}/\sqrt{\text{Hz}}$
Transimpedance Gain			100		$\text{k}\Omega$
Supply Current	$V_s = \pm 15\text{ V}$		6.2	7.5	mA

THERMAL PARAMETERS

Voltage Supplies	$\pm 5\text{ to } \pm 15\text{ V}$
Power Dissipation	225 mW
Storage and Operating Temperature	$-25^\circ\text{ to } +100^\circ\text{ C}$
Soldering Temperature (1/16" from case for 3 seconds max)	$+260^\circ\text{ C}$



750 Mitchell Road, Newbury Park, California 91320
 Phone: (805) 499-0335, Fax: (805) 499-8108
 Email: sales@optodiode.com, Website: www.optodiode.com

