



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

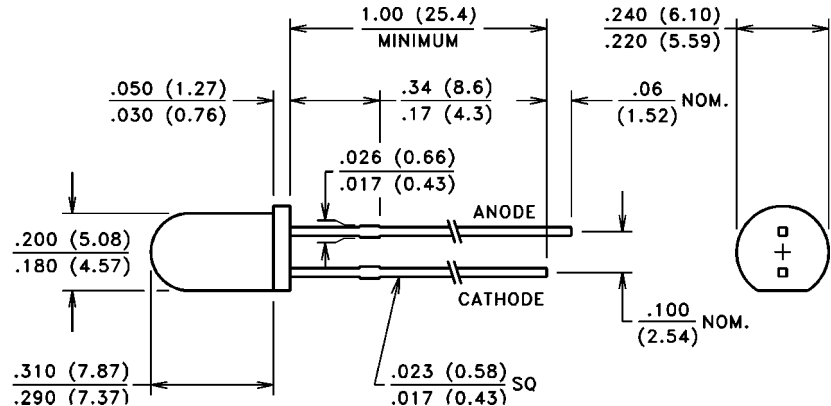
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





(Also available in infrared transmitting visible blocking version)

PACKAGE DIMENSIONS inch (mm)



CASE 26 T-1 $\frac{3}{4}$

CHIP ACTIVE AREA: .0036 in² (2.326 mm²)

PRODUCT DESCRIPTION

This photodiode features the largest detection area available in a clear, endlooking T-1 $\frac{3}{4}$ package. Combined with excellent dark current, it can fulfill the demands of many difficult applications.

ABSOLUTE MAXIMUM RATINGS

Storage Temperature: -40°C to 100°C
 Operating Temperature: -40°C to 100°C

RoHS Compliant



ELECTRO-OPTICAL CHARACTERISTICS @ 25°C (See also VTP curves, pages 45-46)

SYMBOL	CHARACTERISTIC	TEST CONDITIONS	VTP1232H			UNITS
			Min.	Typ.	Max.	
I _{SC}	Short Circuit Current	H = 100 fc, 2850 K	100			μA
TC I _{SC}	I _{SC} Temperature Coefficient	2850 K		0.20		%/°C
Re	Responsivity	880 nm	0.06	0.076		A/(W/cm ²)
V _{OC}	Open Circuit Voltage	H = 100 fc, 2850 K	.42			mV
TC V _{OC}	V _{OC} Temperature Coefficient	2850 K		-2.0		mV/°C
I _D	Dark Current	H = 0, VR = 10 V			25	nA
C _J	Junction Capacitance	H = 0, V = 0 V		.18	.30	nF
λ _{range}	Spectral Application Range		400		1100	nm
λ _p	Spectral Response - Peak			920		nm
S _R	Sensitivity	@ Peak		0.60		A/W