



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

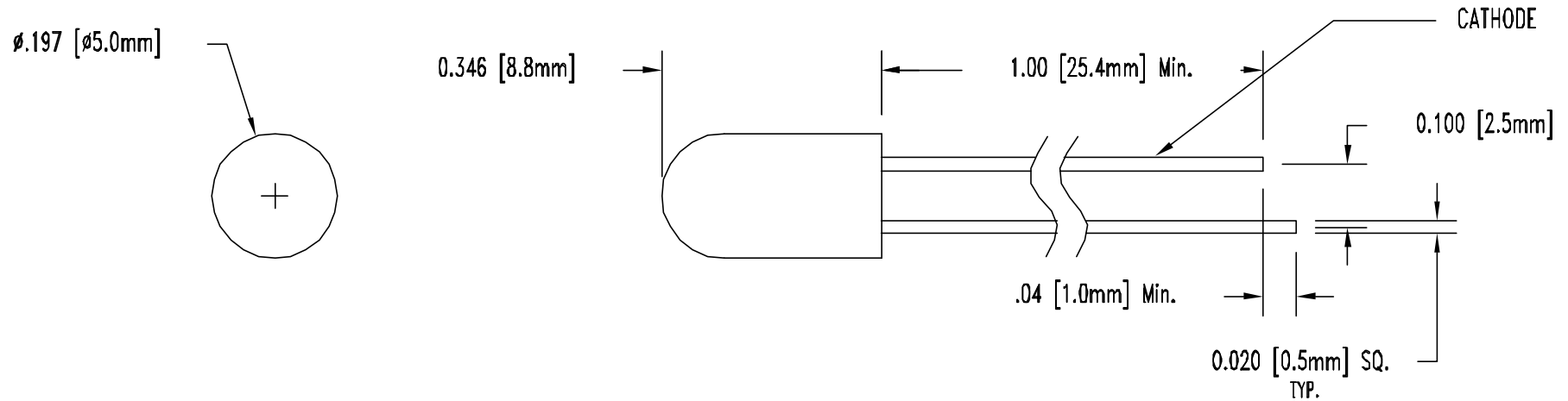
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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

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




REV	DESCRIPTION	DATE	APPROVED
A	ENGINEERING RELEASE	09/17/03	MC



LED PART NO.	Chip		LENS APPEARANCE	Absolute Maximum Ratings				Electro-Optical Data @ 50mA				Viewing Angle (Deg)
	MATERIAL	PEAK WAVE λP (nm)		$\Delta \lambda$ (nm)	pd (mW)	If (mA)	Peak If (mA)	Vf (V)		Radiant Power @ mW/cm ²		
								Typ.	Max.	Min.	Typ.	
5IRC-940	GaAs/GaAs	940	WATER CLEAR	50	100	100	1000	1.2	1.5	1.8	7.1	20

ABSOLUTE MAXIMUM RATINGS ($T_a=25^\circ C$)

PEAK FORWARD CURRENT _____ PULSE WIDTH=10us
 REVERSE CURRENT (V =5V) _____ 10% DUTY CYCLE
 OPERATING TEMPERATURE RANGE _____ 100uA
 STORAGE TEMPERATURE _____ -45 C 85 C
 LEAD SOLDERING TEMPERATURE(1/16" FROM BODY) _____ -45°C ~ 100°C
 _____ 250° C FOR 5 SECONDS

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES		 4 THOMAS, IRVINE, CA.92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
TOLERANCES			
DECIMALS	ANGULAR		
.X ± .1	X° ± 1°		
.XX ± .01			
.XXX ± .005			
DESIGNER	DATE	PART NAME:	
DAVID GREEN	09/17/03	T-1 3/4 (5mm) Infrared ED, Transmitter	
CHECKER	DATE	SIZE	DWG NO.
M. CHEN	09/17/03	A	5IRC-940
		SCALE 1=1	CAGE CODE 32559
		SHEET 1 OF 1	