



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

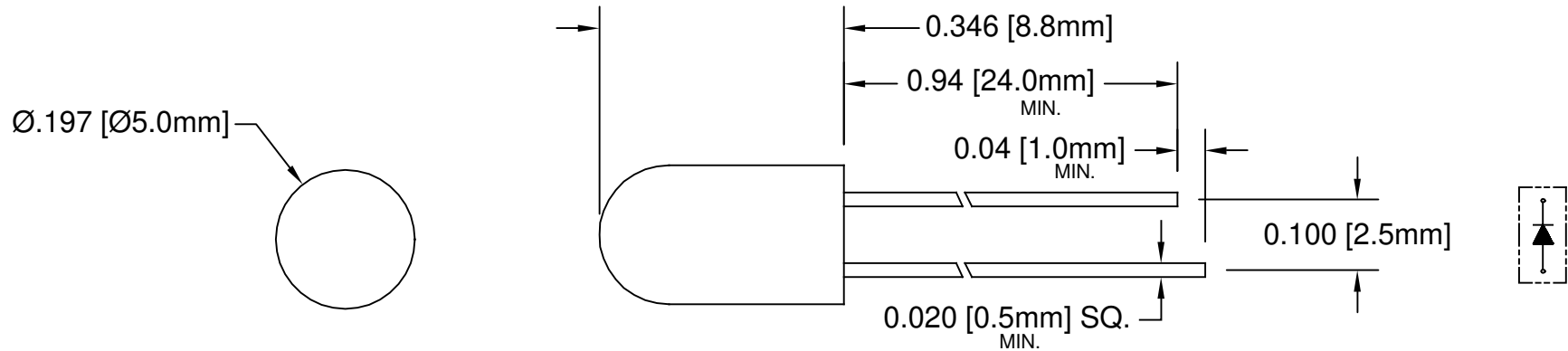
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REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Update w/o Changes	02/19/07	M. C.





Recommended Mounting  
Hole Size =  $\varnothing.032^{+.003}_{-.002}$

LED Part No.	Chip			Lens Appearance	Absolute Maximum Ratings				Electro-Optical Data @ 20mA			Viewing Angle (Deg)
	Material	Peak Wave Length $\lambda_p$ (nm)	Emitted Color		$\Delta\lambda$ (nm)	Pd (mW)	If (mA)	Peak If (mA)	Vf (V)		Iv (mcd)	
5GW	GaP/GaP	568	GREEN	WHITE DIFFUSED	30	80	30	150	Typ.	Max.	Typ.	45

## ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

REVERSE VOLTAGE \_\_\_\_\_ 5V  
 REVERSE CURRENT \_\_\_\_\_ 100uA  
 OPERATING TEMPERATURE RANGE \_\_\_\_\_ -40°C - 80°C  
 STORAGE TEMPERATURE \_\_\_\_\_ -40°C - 85°C  
 LEAD SOLDERING TEMPERATURE(1/16" FROM BODY) \_\_\_\_\_ 260 C FOR 5 SECONDS

STANDARD TOLERANCE ( UNLESS OTHERWISE SPECIFIED )		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
DECIMALS	ANGULAR		
.X ± .1	X° ± 1°	 <b>TITLE:</b> T-1¼ (5mm) FLANGE & NON-FLANGE LED	
.XX ± .02			
.XXX ± .010			
DESIGNED: <b>Dan Beckman</b>	DATE: <b>02/19/07</b>	<b>PART NO:</b> <b>5GW</b>	REVISION: <b>A</b>
CHECKED: <b>T. Yin</b>	DATE: <b>02/19/07</b>	<b>CAGE CODE : 32559</b>	<b>SHEET # 1 OF 1</b>
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.			