



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

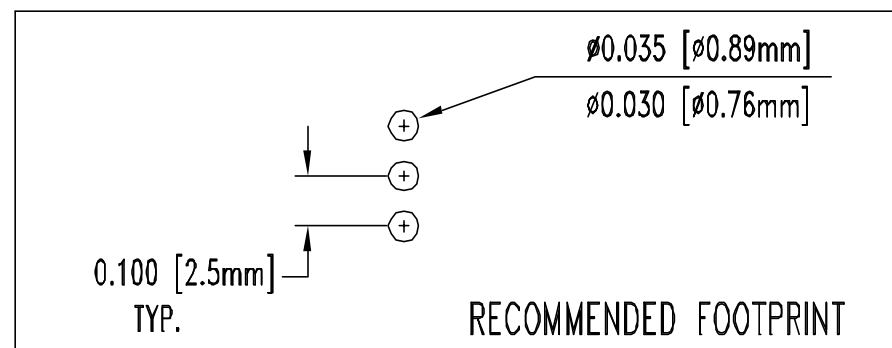
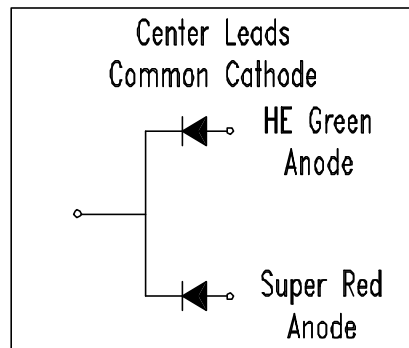
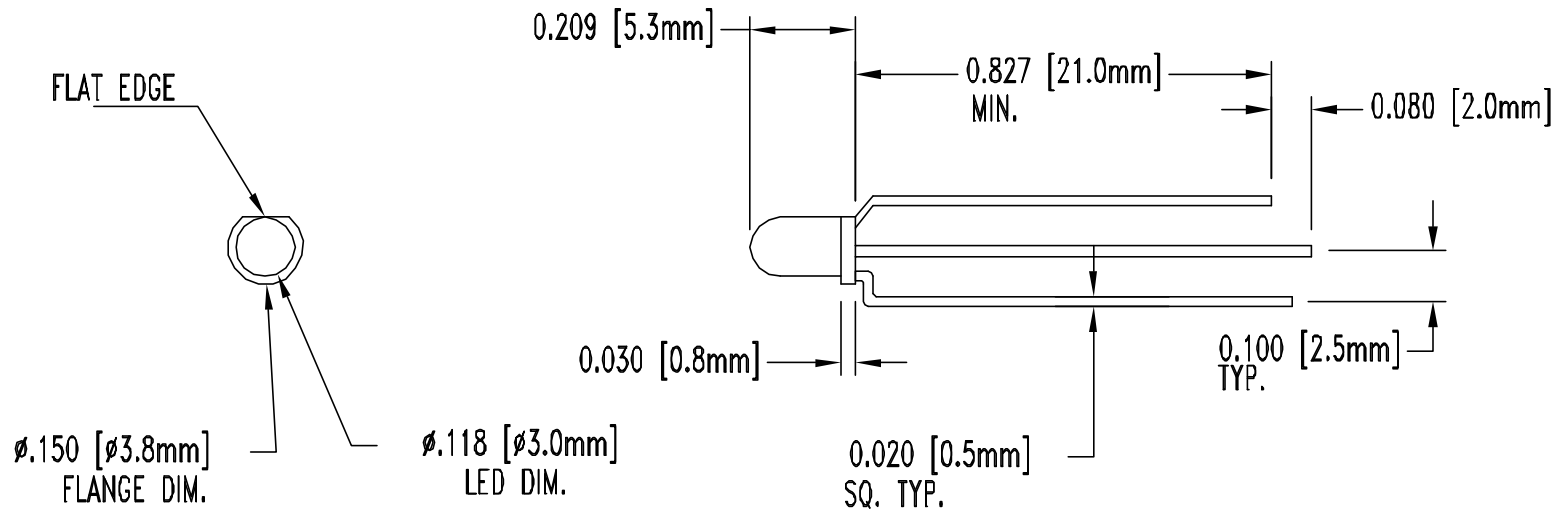
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REV	DESCRIPTION	DATE	APPROVED
A	ENGINEERING RELEASE.	08/13/03	MC



LED Part No.	Chip			Lens Appearance	Absolute Maximum Ratings				Electro-Optical Data @20mA			Viewing Angle (deg)
	Material	Peak Wave $\lambda_P$ (nm)	Color		$\Delta\lambda$ (nm)	Pd (mW)	Typ. If (mA)	Peak If (mA)	Vf(V)		Iv Typ. (mcd)	
3SBC-3-F	GaAlAs/GaAs	660	Super Red	WHITE DIFFUSED	20	60	30	150	Typ.	Max.	120.0	40
	GaP/GaP	568	HE Green		30	100	30	150	2.2	2.6	50.0	

## ABSOLUTE MAXIMUM RATINGS ( $T_a=25^\circ\text{C}$ )

REVERSE VOLTAGE \_\_\_\_\_ 5V  
 REVERSE CURRENT \_\_\_\_\_ 100uA  
 OPERATING TEMPERATURE RANGE \_\_\_\_\_  $-25^\circ\text{C} - 85^\circ\text{C}$   
 STORAGE TEMPERATURE \_\_\_\_\_  $-30^\circ\text{C} - 100^\circ\text{C}$   
 LEAD SOLDERING TEMPERATURE(1/16" FROM BODY) \_\_\_\_\_  $260^\circ\text{C}$  FOR 5 SECONDS

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES		 <b>4 THOMAS, IRVINE, CA.92618</b> TEL: (949) 961-8808 FAX: (949) 961-3974	
TOLERANCES			
DECIMALS	ANGULAR		
.X $\pm .1$	X' $\pm 1^\circ$		
.XX $\pm .01$			
.XXX $\pm .005$			
DESIGNER <b>DAVID GREEN</b>	DATE <b>08/13/03</b>	PART NAME: <b>T-1 (3mm) BI-COLOR/TRI-COLOR LED</b>	
CHECKER <b>M CHEN</b>	DATE <b>08/13/03</b>	SIZE <b>A</b>	DWG NO. <b>3SBC-3-F</b>
SCALE 1=1		CAGE CODE <b>32559</b>	REV <b>A</b>
		SHEET 1 OF 1	