



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

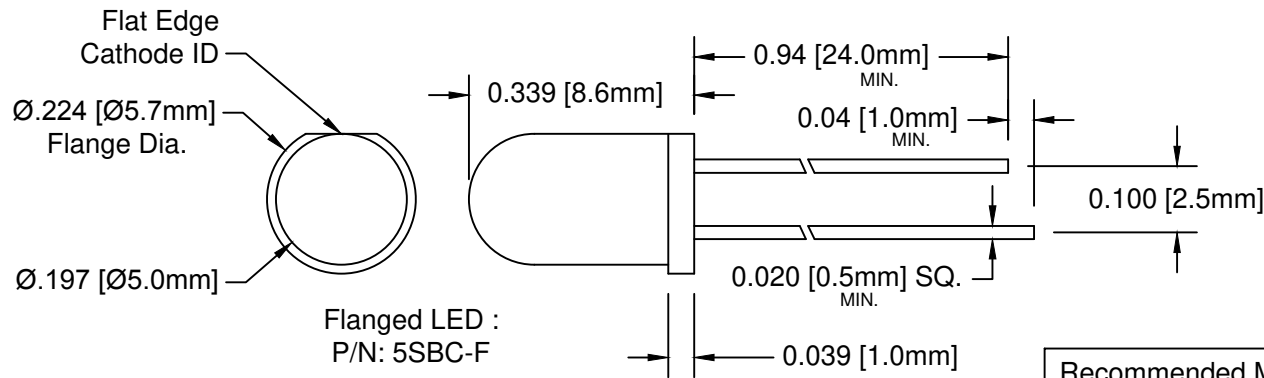
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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

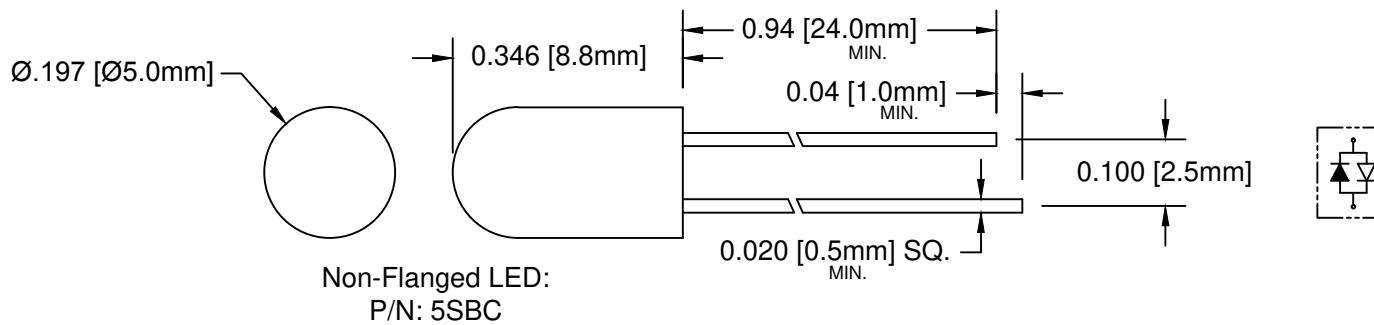


REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	02/10/15	J. C.



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



SHORT LEAD CATHODE	LONG LEAD CATHODE
RED	GREEN



LED Part No.	Chip			Lens Appearance	Absolute Max. Ratings				Electro-Optical Data @ 20m A			Viewing Angle 2 Θ ½ (Deg)
	Material	Peak Wave Length λp(nm)	Emitted Color		Δλ (nm)	Pd (m W)	If (m A)	Peak If(m A)	Vf (V)		Iv (m cd)	
									TYP	MAX	TYP	
5SBC	GaAlAs/GaAs	650	RED	WHITE DIFFUSED	-	70	30	150	1.7	2.4	100	45
	GaP/GaP	568	GREEN		-	80	30	150	2.2	2.6	50	
5SBC-F	GaAlAs/GaAs	650	RED	WHITE DIFFUSED	-	70	30	150	1.7	2.4	100	45
	GaP/GaP	568	GREEN		-	80	30	150	2.2	2.6	50	

ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

REVERSE VOLTAGE _____ 5V
 REVERSE CURRENT _____ 100uA
 OPERATING TEMPERATURE RANGE _____ -25° C - 85° C
 STORAGE TEMPERATURE _____ -30° C - 100° 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	
<u>DECIMALS</u>	<u>ANGULAR</u>		
.X ± .1	X° ± 1°	 TITLE: T 1¼ (5mm) 2 LEADED BI-COLOR LED	
.XX ± .02			
.XXX ± .010			
DESIGNED: Brian Oliver	DATE: 02/10/15	PART NO: 5SBC-X	
CHECKED: A. Wright	DATE: 02/10/15	REVISION: A	
		CAGE CODE : 32559	
		SHEET # 1 OF 1	
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.			