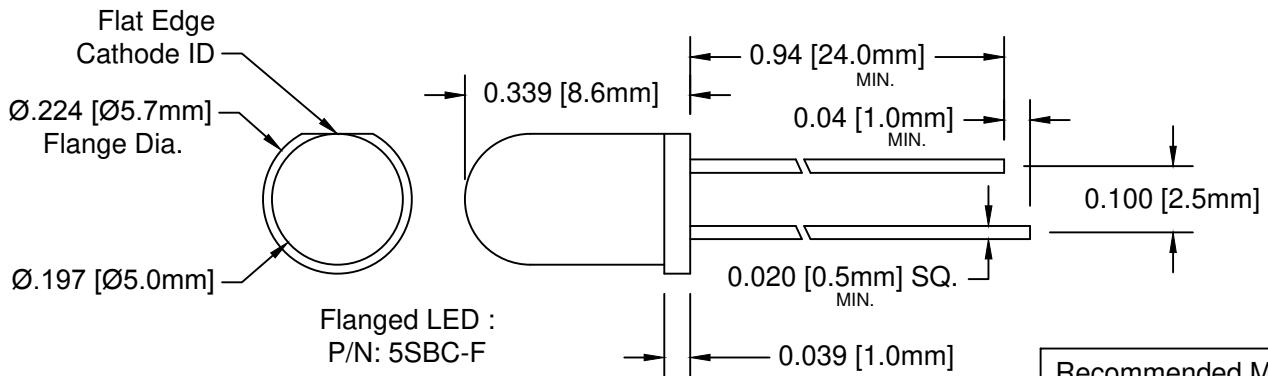
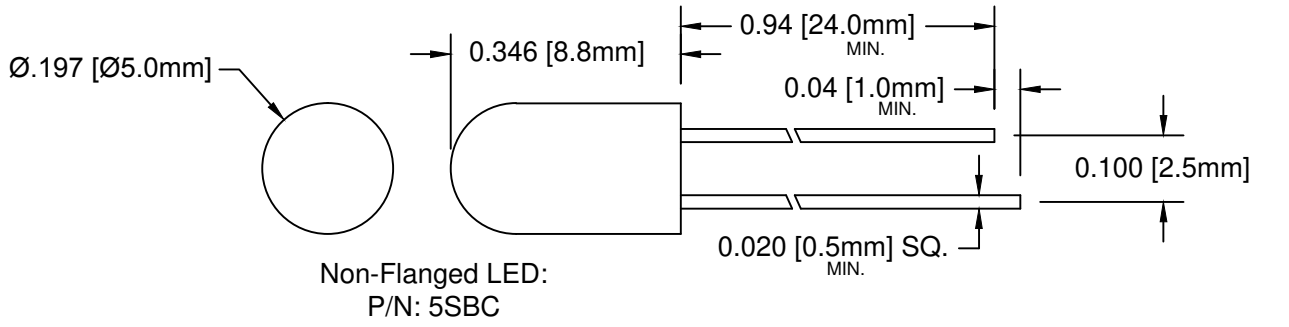


REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	02/10/15	J. C.



Recommended Mounting
Hole Size = $\text{Ø}0.032^{+0.003}_{-0.002}$

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 1/2 (Deg)
	Material	Peak Wave Length λ_p (nm)	Emitted Color		$\Delta\lambda$ (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)	
DECIMALS	ANGULAR
.X ± .1	X° ± 1°
.XX ± .02	
.XXX ± .010	
DESIGNED: Brian Oliver	DATE: 02/10/15
CHECKED: A. Wright	DATE: 02/10/15



4 THOMAS, IRVINE, CA. 92618
 TEL: (949) 951-8808 FAX: (949) 951-3974

TITLE: T 1 1/4 (5mm) 2 LEADED BI-COLOR LED	
PART NO: 5SBC-X	REVISION: A
CAGE CODE : 32559	SHEET # 1 OF 1
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.	