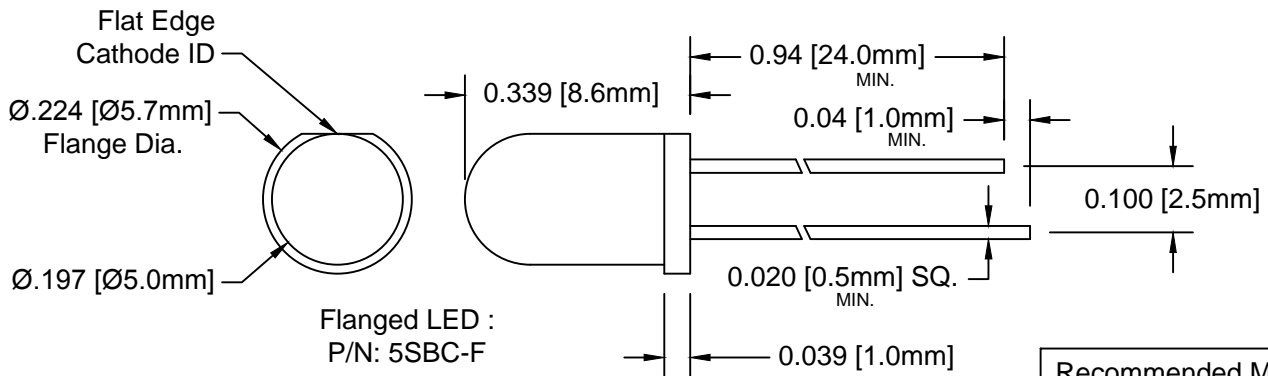
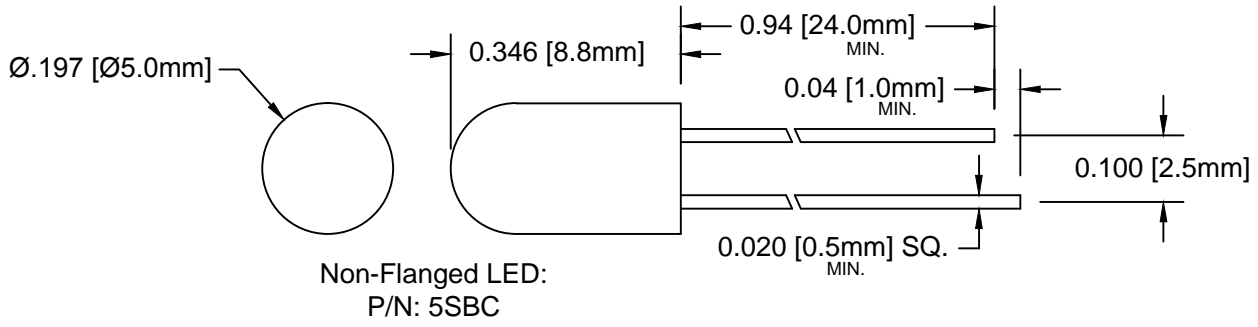


REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	02/10/15	J. C.



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 $\theta$ 1/2 (Deg)
	Material	Peak Wave Length $\lambda_p$ (nm)	Emitted Color		$\Delta\lambda$ (nm)	Pd (mW)	If (mA)	Peak If(mA)	Vf (V)		Iv (mcd)	
									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		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808    FAX: (949) 951-3974		
.X    ± .1	X°   ± 1°			
.XX   ± .02		TITLE: T 1 1/4 (5mm) 2 LEADED BI-COLOR LED		
.XXX ± .010		DESIGNED: <b>Brian Oliver</b>	DATE: <b>02/10/15</b>	PART NO: <b>5SBC-X</b>
CHECKED: <b>A. Wright</b>		DATE: <b>02/10/15</b>	CAGE CODE : <b>32559</b>	REVISION: <b>A</b>
			SHEET # <b>1</b> OF <b>1</b>	

CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.