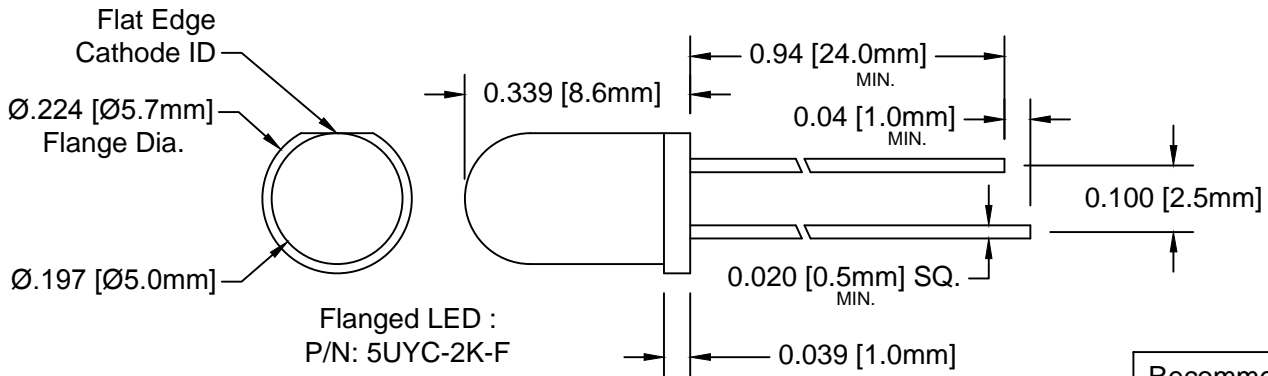
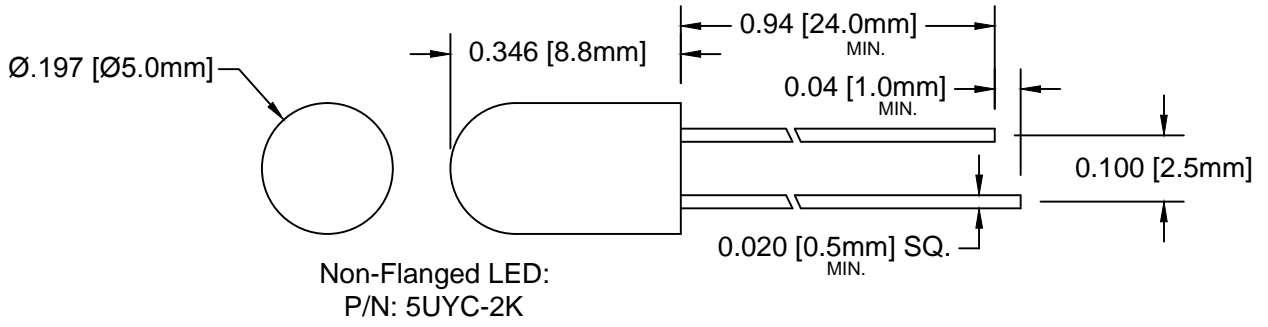


REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	02/10/15	J. C.




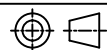
Recommended Mounting  
Hole Size =  $\varnothing.032^{+.003}_{-.002}$



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	
5UYC-2K	AlGaInP	590	YELLOW	WATER CLEAR	17	120	30	50	1.9	2.4	2000	30
5UYC-2K-F	AlGaInP	590	YELLOW	WATER CLEAR	17	120	30	50	1.9	2.4	2000	30

### ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

REVERSE VOLTAGE \_\_\_\_\_ 5V  
 REVERSE CURRENT \_\_\_\_\_ 100 $\mu$ A  
 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)		 <b>BIVAR</b> <sup>®</sup> 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974			
DECIMALS	ANGULAR				
.X $\pm$ .1	X° $\pm$ 1°	 <b>TITLE: T 1/4 (5mm) LED</b>			
.XX $\pm$ .02					
.XXX $\pm$ .010		DESIGNED: <b>Brian Oliver</b>	DATE: <b>02/10/15</b>	PART NO: <b>5UYC-2K-X</b>	REVISION: <b>A</b>
		CHECKED: <b>A. Wright</b>	DATE: <b>02/10/15</b>	CAGE CODE : <b>32559</b>	SHEET # <b>1 OF 1</b>
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.					