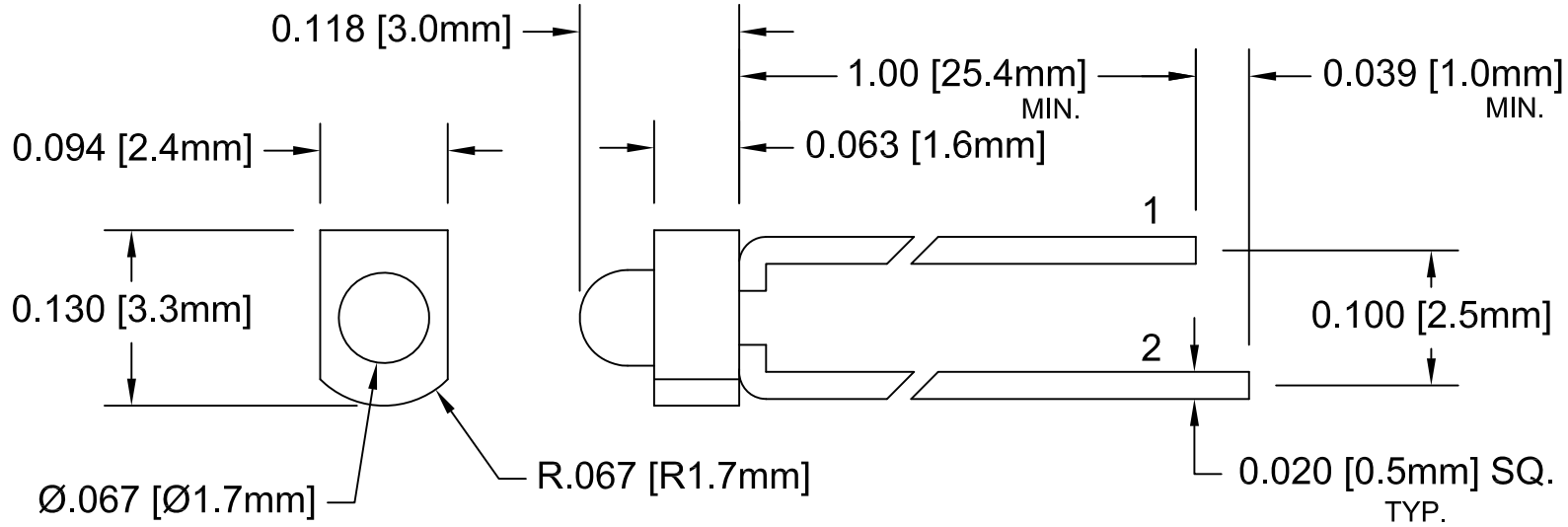
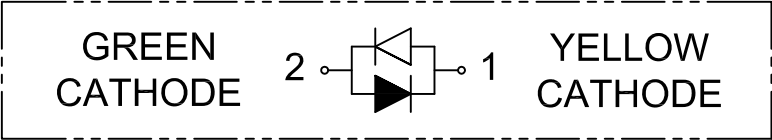


REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release.	10/21/08	T.Y.



Recommended Mounting
Hole Size = $\text{Ø}0.032^{+.003}_{-.002}$



LED Part No.	Chip			Lens Appearance	Absolute Maximum Ratings				Electro-Optical Data @ 20mA			Viewing Angle $2\theta_{1/2}$ (Deg)
	Material	Emitted Color	Peak Wave Length λ_p (nm)		$\Delta\lambda$ (nm)	Pd (mW)	If (Typ.) (mA)	Peak If (mA)	Vf (V)		Iv (mcd)	
1.8BC-Y/G	GaAsP/GaP	YELLOW	590	WHITE DIFFUSED	35	85	30	150	Typ.	Max.	Typ.	50
	GaP/GaP	GREEN	568		30	80	30	150	2.1	2.8	4.5	

ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

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)		BIVAR [®] 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
DECIMALS	ANGULAR		
.X ±.1	X° ± 1°		
.XX ±.01			
.XXX ±.005		TITLE: 1.8 SUB-MINIATURE RADIAL LED	
DESIGNED: Raffy Paje	DATE: 10/21/08	PART NO: 1.8BC-Y/G	REVISION: A
CHECKED: Fred Jensen	DATE: 10/21/08	CAGE CODE : 32559	SHEET # 1 OF 1
CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.			