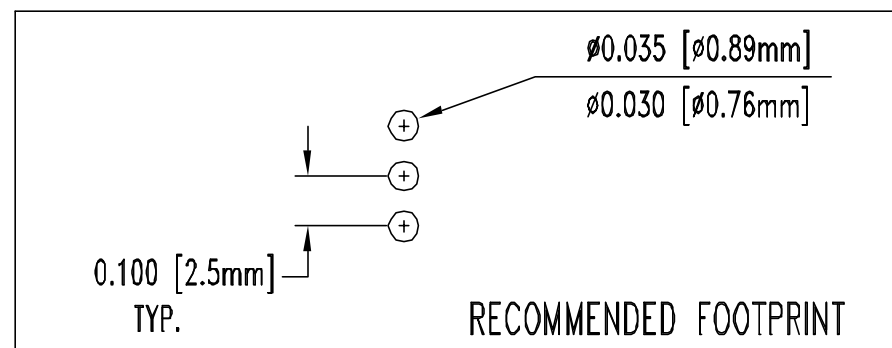
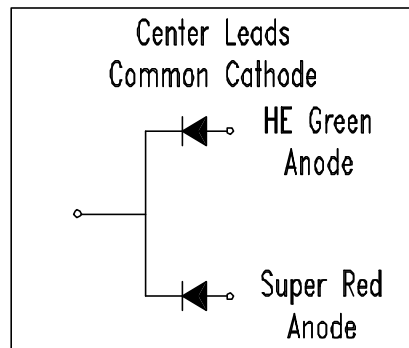
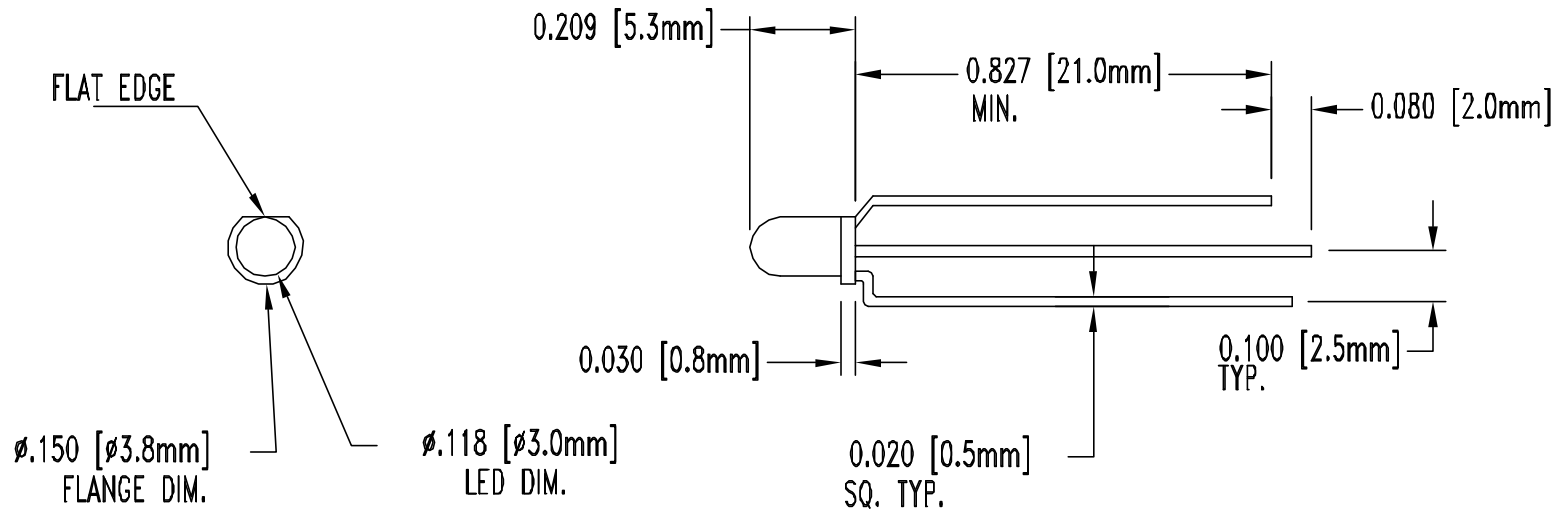


REV	DESCRIPTION	DATE	APPROVED
A	ENGINEERING RELEASE.	08/13/03	MC



LED Part No.	Chip			Lens Appearance	Absolute Maximum Ratings				Electro-Optical Data @20mA			Viewing Angle (deg)
	Material	Peak Wave λ_P (nm)	Color		$\Delta\lambda$ (nm)	Pd (mW)	Typ. If (mA)	Peak If (mA)	Vf(V)		Iv Typ. (mcd)	
3SBC-3-F	GaAlAs/GaAs	660	Super Red	WHITE DIFFUSED	20	60	30	150	Typ.	Max.	120.0	40
	GaP/GaP	568	HE Green		30	100	30	150	2.2	2.6	50.0	

ABSOLUTE MAXIMUM RATINGS ($T_a=25^\circ\text{C}$)

REVERSE VOLTAGE _____ 5V
 REVERSE CURRENT _____ 100uA
 OPERATING TEMPERATURE RANGE _____ $-25^\circ\text{C} - 85^\circ\text{C}$
 STORAGE TEMPERATURE _____ $-30^\circ\text{C} - 100^\circ\text{C}$
 LEAD SOLDERING TEMPERATURE(1/16" FROM BODY) _____ 260°C FOR 5 SECONDS

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES		 4 THOMAS, IRVINE, CA.92618 TEL: (949) 961-8808 FAX: (949) 961-3974	
TOLERANCES			
DECIMALS	ANGULAR		
.X $\pm .1$	X' $\pm 1^\circ$		
.XX $\pm .01$			
.XXX $\pm .005$			
DESIGNER DAVID GREEN	DATE 08/13/03	PART NAME: T-1 (3mm) BI-COLOR/TRI-COLOR LED	
CHECKER M CHEN	DATE 08/13/03	SIZE A	DWG NO. 3SBC-3-F
SCALE 1=1		CAGE CODE 32559	SHEET 1 OF 1