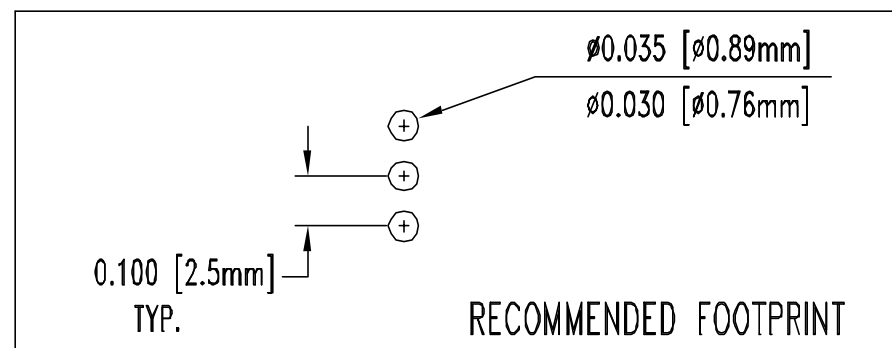
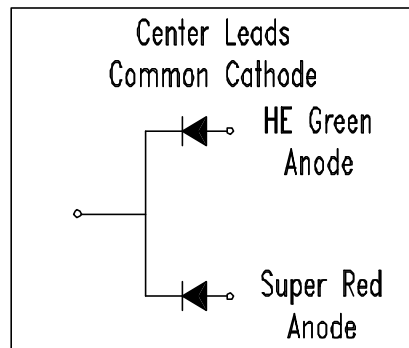
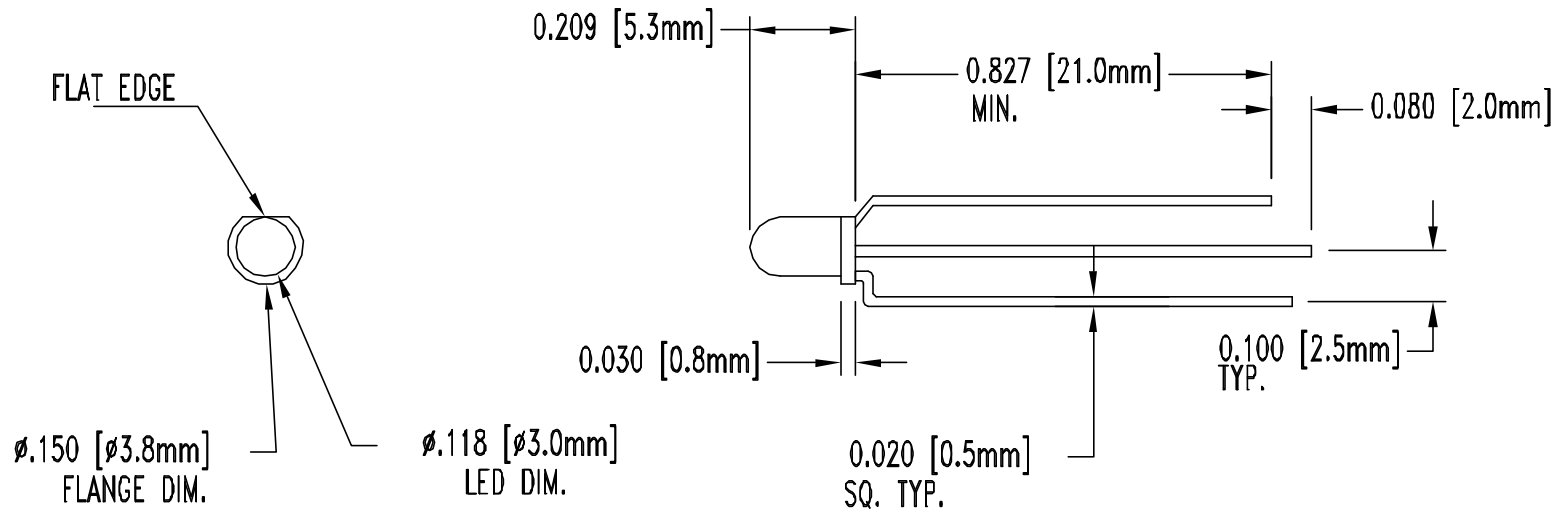




REV	DESCRIPTION	DATE	APPROVED
A	ENGINEERING RELEASE.	08/13/03	MC



LED Part No.	Chip			Lens Appearance	Absolute Maximum Ratings				Electro-Optical Data @20mA			Viewing Angle (deg)
	Material	Peak Wave $\lambda_P$ (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	1.7	2.6	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) \_\_\_\_\_  $260^\circ\text{C}$  FOR 5 SECONDS

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES				4 THOMAS, IRVINE, CA.92618 TEL: (949) 961-8808 FAX: (949) 961-3974	
TOLERANCES					
<u>DECIMALS</u>	<u>ANGULAR</u>				
.X ± .1	X° ± 1°				
.XX ± .01					
.XXX ± .005					
DESIGNER	DATE	PART NAME:		T-1 (3mm) BI-COLOR/TRI-COLOR LED	
DAVID GREEN	08/13/03	SIZE	DWG NAME	DWG NO.	REV
		A		3SBC-3-F	A
CHECKER	DATE	SCALE	CAGE CODE	SHEET 1 OF 1	
M CHEN	08/13/03	1=1	32559		

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