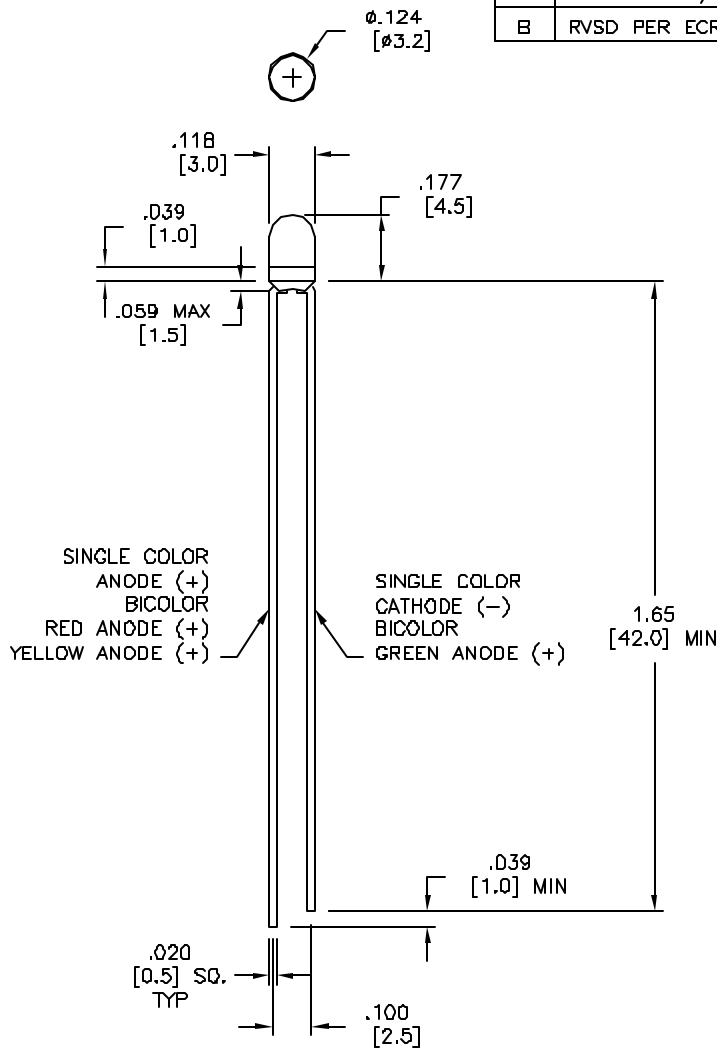


LTR	REVISION	DATE	APPD
-	RELEASED	05-13-97	
A	ADDED MCD / PREF DIMS	05-22-97	VHIII
B	RVSD PER ECR #081899-RMD2	08-18-99	RM



NOTES:

1. ALL DIMS ARE IN INCHES (MILLIMETERS).
2. TOLERANCE IS  $\pm 0.010$ " ( $\pm 0.25$ mm) UNLESS OTHERWISE SPECIFIED.
3. LEAD SPACING IS MEASURED WHERE LEADS EMERGE FROM THE PACKAGE.
4. LEADS TO BE SOLDERABLE AND CAPABLE OF MEETING THE SOLDERABILITY REQUIREMENTS OF MIL-STD-202, METHOD 208.
5. MANUFACTURE DATE SHALL NOT BE OLDER THAN 26 WEEKS (6 MONTHS).

LEDTRONICS PART NO.	L.E.D. RADIATION COLOR	L.E.D. APPEARANCE	ABSOLUTE MAXIMUM RATINGS ( $T_a=25^\circ\text{C}$ )					ELECTRO-OPTICAL CHARACTERISTICS ( $T_a=25^\circ\text{C}$ )						
			$P_d$ mW	$I_f$ mA	$I_f$ mA	$V_f$ V	$T_{opr}$ ( $^\circ\text{C}$ )	$I_f$ mA	$I_v$ mod typ	$V_f=V$ typ/max	$W_{VIV}$ mW 201/2	$I_r$ max $\mu\text{A}$	$\Delta\lambda$ nm	$\lambda_{Peak}$ nm
L120TR5L	HI-EFF RED	RED DIFFUSED	80	150	30	5	-40 TO +85	20	30.0	2.0/2.6	45	100	45	635
L120TY5L	YELLOW	YELLOW DIFFUSED	80	150	30	5	-40 TO +85	20	20.0	2.1/2.2	45	100	35	585
L120TG5L	HI-EFF GREEN	GREEN DIFFUSED	80	150	30	5	-40 TO +85	20	50.0	2.2/2.6	45	100	30	568
L120TWRG5L	HI-EFF RED	WHITE DIFFUSED	80	150	30	5	-40 TO +85	20	40.0	2.0/2.6	55	100	45	635
	HI-EFF GREEN		100	150	30	5	-40 TO +85	20	70.0	2.2/2.6	55	100	30	568
L120TWYG5L	YELLOW	WHITE DIFFUSED	100	150	30	5	-40 TO +85	20	50.0	2.1/2.6	55	100	35	585
	HI-EFF GREEN		100	150	30	5	-40 TO +85	20	70.0	2.2/2.6	55	100	30	568

$T_{stg}$ : -40°C TO +100°C  
LEAD SOLDERING TEMP: [1.6mm (.063in) FROM BODY] 260°C FOR 5 SEC.

**LED**<sup>®</sup>  
**LEDTRONICS, INC.**<sup>™</sup>  
23105 KASHIWA COURT  
TORRANCE, CA 90505

PROPRIETARY.  
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$.00X \pm .010$  TOLERANCE PER ANSI-Y14.5  
 $.XX \pm .025$  (UNLESS OTHERWISE STATED)  
ANGLES  $\pm 0^\circ.30'$   
FRACT.  $\pm 1/32$

TITLE			
L120TXX5L			
DWG NO	SCALE	SHEET	DATE
DSDD0077	2:1	1 OF 1	05-13-97
CODE IDENT NO.	DWG BY	CHK BY	QA
8Z410	SMA	PL	MFG
			CUSTOMER