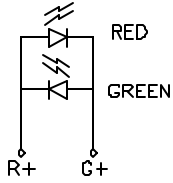
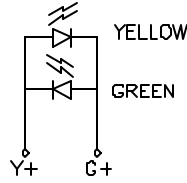


LTR	REVISION	DATE	APPD
-	RELEASED	01-08-01	
A	RVSD PER ECR 011501-RM01	01-15-01	RM

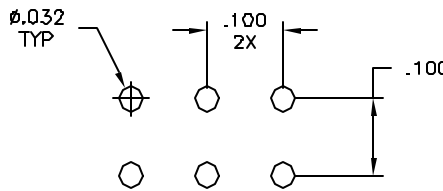
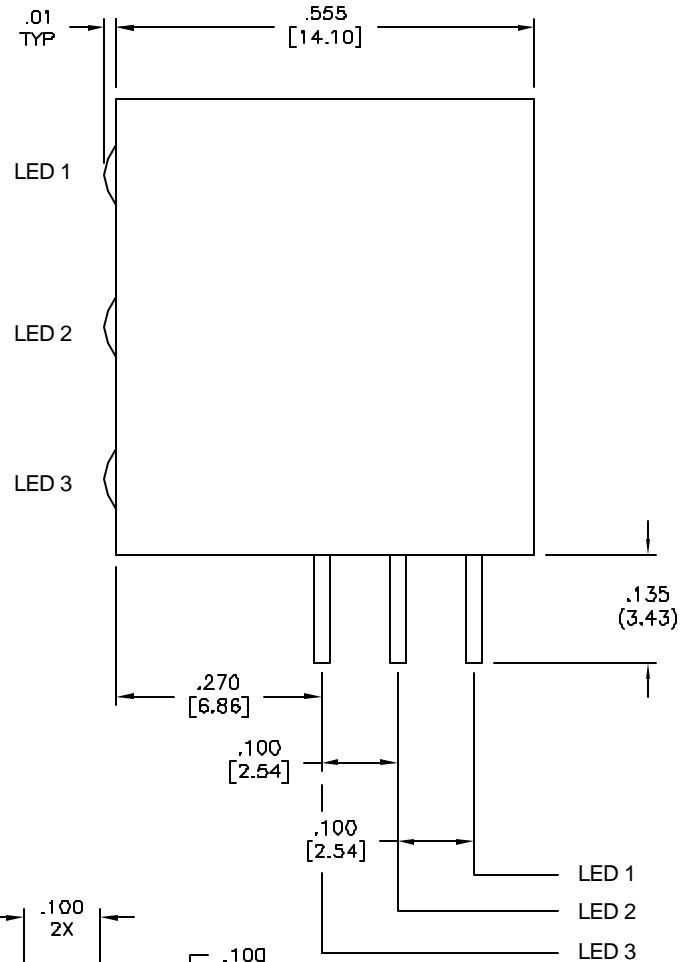
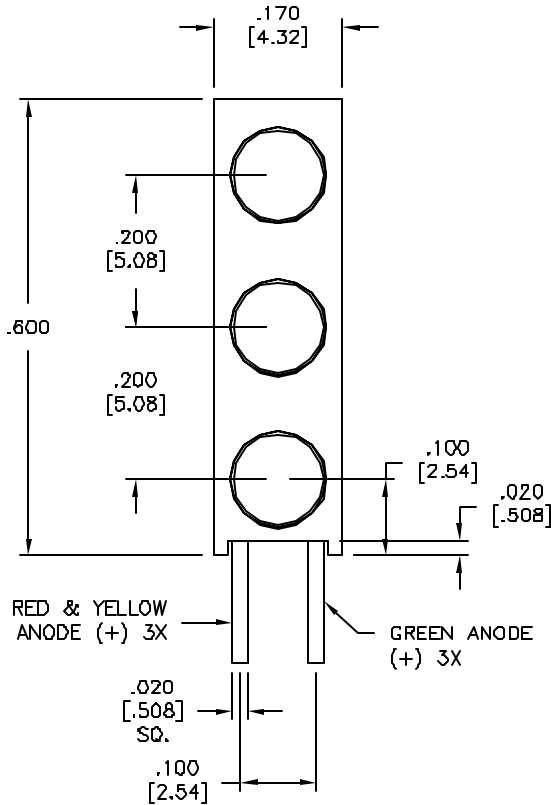
CIRCUIT DIAGRAM



RED/GREEN:  
APPLY A/C VOLTAGE TO BOTH LEADS  
OF LED TO OBTAIN YELLOW  
BY VARYING VOLTAGE TO LEADS  
WILL VARY SHADES OF YELLOW.



YELLOW/GREEN:  
VARYING VOLTAGE TO OBTAIN A  
THIRD COLOR IS NOT RECOMMENDED.



FOOT PRINT

TEST REQUIREMENTS:

1. TEST FOR COLOR AND POLARITY
2. ELECTRICAL TEST IN ACCORDANCE WITH TABLE.
3. FINAL WEIGHT/COUNT OF ALL PARTS.

LEDTRONICS PART NO.	L.E.D. RADIATION COLOR	L.E.D. APPEARANCE	ABSOLUTE MAXIMUM RATINGS (Ta=25°C)					ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)						
			Pd mW	If mA	If mA	Vr V	Topr (°C)	If mA	Iv mod typ	Vf=V typ/max	FULL VIEWING ANGLE	Ir max µA	Δλ nm	λPeak nm
31PCS170TWRG4	HI-EFF RED	DIFFUSED	100	150	30	5	-40 TO +85	20	6.0	2.0/2.8	120	100	45	635
	HI-EFF GREEN	DIFFUSED	100	150	30	5	-40 TO +85	20	6.0	2.1/2.8	120	100	30	568
31PCT170TWTYG4	YELLOW	DIFFUSED	100	150	30	5	-40 TO +80	20	7.0	2.1/2.8	120	100	35	585
	HI-EFF GREEN	DIFFUSED	100	150	30	5	-40 TO +80	20	6.0	2.1/2.8	120	100	30	568

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

PROPRIETARY-  
This document contains Proprietary  
Information of LEDTRONICS, INC.  
It may not be copied, used or disclosed  
for any purpose without the prior express  
written consent of LEDTRONICS, INC.  
XXX ± .010 TOLERANCE PER ANSI-Y14.5  
.XX ± .025 (UNLESS OTHERWISE STATED)  
ANGLES ± 0°.30°  
FRACT. ± 1/32

TITLE			
31PCS170TWTYG4			
DWG NO	SCALE	SHEET	DATE
SDPC0483	4:1	1 OF 1	01-08-01
CODE IDENT NO.	DWG BY	CHK BY	QA JCH MFG RA
82410	RM		01-29-01 01-16-01
			CUSTOMER