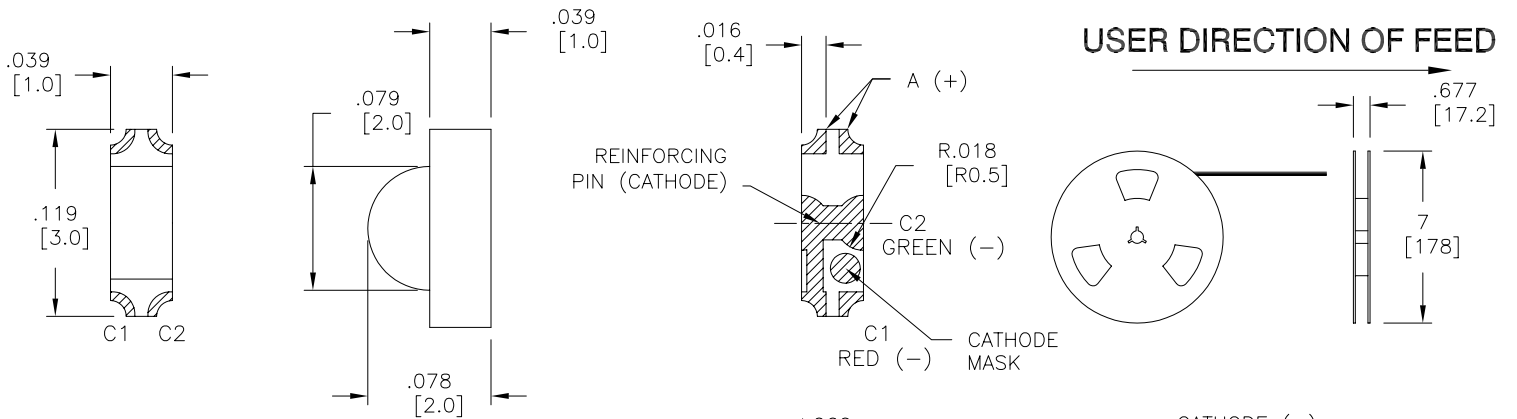
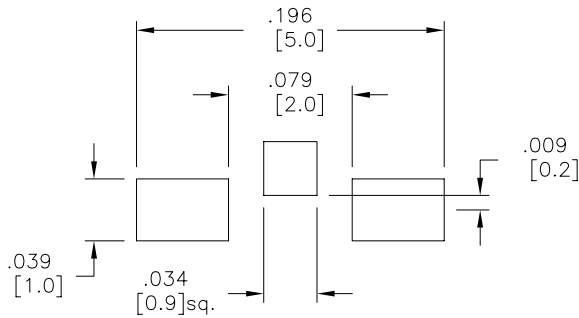


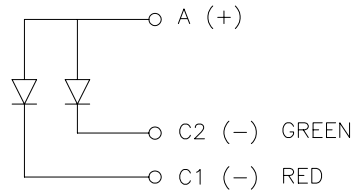
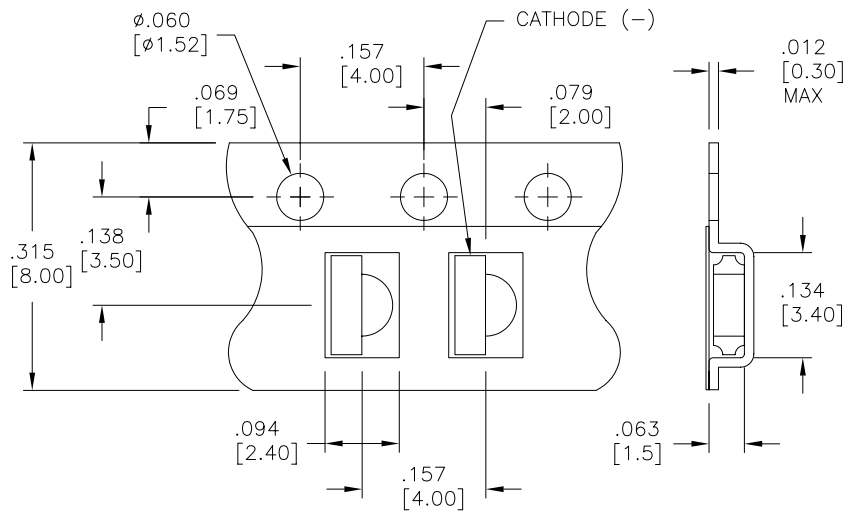
| LTR | REVISION | DATE | APPD |
|-----|----------------------------|----------|------|
| - | RELEASED | 10-12-00 | |
| A | UPDATED DRAWING PER PL | 03-15-01 | RM |
| B | 030305-PL01: SHOW POLARITY | 03-03-05 | |



SCALE 8:1



SUGGESTED PAD LAYOUT




NOTES:

1. 7 INCH REEL - 3000 PIECES PER REEL
2. ALL DIMS ARE IN INCHES (MILLIMETERS).
3. TOLERANCE IS ± 0.010 " (± 0.25 mm) UNLESS OTHERWISE SPECIFIED.
4. SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.
5. MANUFACTURE DATE SHALL NOT BE OLDER THAN 26 WEEKS (6 MONTHS).
6. MANUFACTURE DATE SHALL NOT BE OLDER THAN 26 WEEKS.
7. TAPE AND REEL TO BE IN ACCORDANCE WITH STANDARD EIA-481-A

| LEDTRONICS PART NO. | L.E.D. RADIATION COLOR | L.E.D. APPEARANCE | ABSOLUTE MAXIMUM RATINGS ($T_a=25^\circ\text{C}$) | | | | | ELECTRO-OPTICAL CHARACTERISTICS ($T_a=25^\circ\text{C}$) | | | | | | |
|---------------------|------------------------|-------------------|---|--------------------|-------------------|------------------|---------------------------------------|--|----------------------------|---------------------------|------------------|----------------------------------|--------------------|----------------------------|
| | | | Pd mW | I _{fp} mA | I _f mA | V _r V | T _{opr} ($^\circ\text{C}$) | I _f mA | I _v mcd min/typ | V _f =V typ/max | VIEW ANGLE 201/2 | I _r max μA | $\Delta\lambda$ nm | λ_{Peak} nm |
| SMR12RG4-TR | HI-EFF GREEN | WATER CLEAR | 100 | 120 | 30 | 5 | -55 TO +85 | 20 | 5.0/14.0 | 2.1/2.6 | 130 | 100 | 30 | 565 |
| | RED-ORANGE | | 100 | 120 | 30 | 5 | -55 TO +85 | 20 | 1.8/6.0 | 2.0/2.6 | 130 | 100 | 24 | 630 |

Tstg: -55°C TO +100°C
LEAD SOLDERING TEMP: [1.6mm (.063in) FROM BODY] 260°C FOR 5 SEC.

| | | | | | |
|---|--|--|---------------------|------------------------|--------------------------------|
|  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. | TITLE <h2 style="text-align: center;">SMR12RG4-TR</h2> | | | |
| | .XXX \pm .010 TOLERANCE PER ANSI-Y14.5 .XX \pm .025 (UNLESS OTHERWISE STATED) ANGLES \pm 0',30' FRACT. \pm 1/32 | DWG NO DSTR0077 | SCALE 8:1 | SHEET 1 OF 1 | DATE 12-11-00 |
| | CODE IDENT NO. 8Z410 | DWG BY CM | CHK BY PL | QA JCH | MFG 03-09-0503-09-05 |