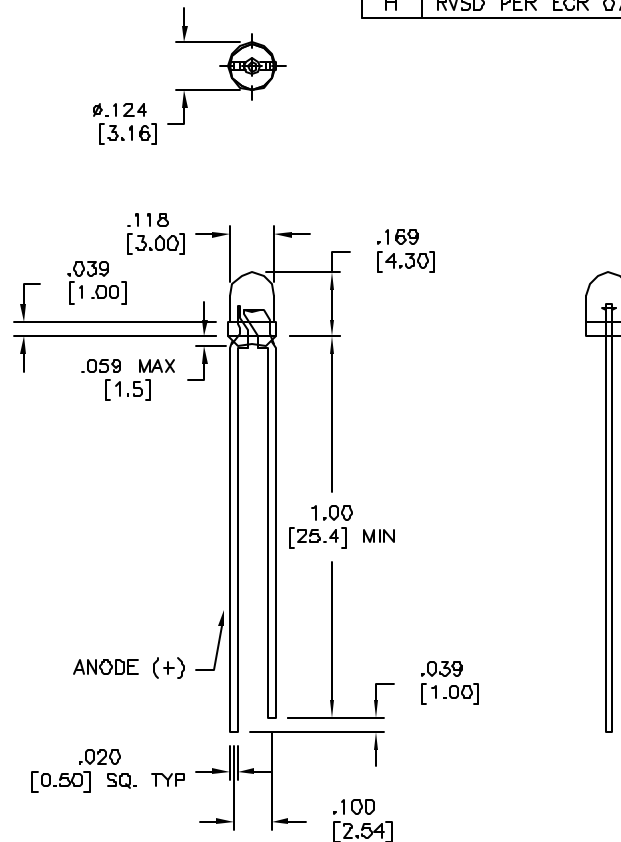


[查询"L12T05N"供应商](#)

| LTR | REVISION                 | DATE     | APPD |
|-----|--------------------------|----------|------|
| C   | RVSD PER ECR 051299-SA01 | 05-21-99 | SA   |
| D   | RVSD PER ECR 092399-SA04 | 09-23-99 | SA   |
| E   | RVSD PER ECR 111799-SA05 | 11-17-99 | SA   |
| F   | RVSD PER ECR 102401-RM01 | 10-24-01 | RM   |
| G   | RVSD PER ECR 062403-RM01 | 06-24-03 | RM   |
| H   | RVSD PER ECR 070203-RM01 | 07-02-03 | RM   |



NOTES:

1. ALL DIMS ARE IN INCHES (MILLIMETERS).
2. TOLERANCE IS  $\pm 0.010"$  ( $\pm 0.25\text{mm}$ ) 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<br>PART NO. | L.E.D.<br>RADIATION<br>COLOR | L.E.D.<br>APPEARANCE | ABSOLUTE MAXIMUM RATINGS ( $T_a=25^\circ\text{C}$ ) |             |             |            |                                | ELECTRO-OPTICAL CHARACTERISTICS ( $T_a=25^\circ\text{C}$ ) |                  |                    |                              |                            |                       |                        |
|------------------------|------------------------------|----------------------|-----------------------------------------------------|-------------|-------------|------------|--------------------------------|------------------------------------------------------------|------------------|--------------------|------------------------------|----------------------------|-----------------------|------------------------|
|                        |                              |                      | $P_d$<br>mW                                         | $I_f$<br>mA | $I_r$<br>mA | $V_f$<br>V | $T_{opr}$ ( $^\circ\text{C}$ ) | $I_f$<br>mA                                                | $I_v$ mod<br>typ | $V_f=V$<br>typ/max | VIEW ANGLE<br>2 $\theta$ 1/2 | $I_r$ max<br>$\mu\text{A}$ | $\Delta\lambda$<br>nm | $\lambda_{Peak}$<br>nm |
| L120TR6N               | ULTRA RED                    | DIFFUSED             | 60                                                  | 150         | 30          | 5          | -40 TO +85                     | 20                                                         | 150              | 1.7/2.6            | 45                           | 100                        | 20                    | 660                    |
| L120TR5N               | HI-EFF RED                   | DIFFUSED             | 100                                                 | 150         | 30          | 5          | -40 TO +85                     | 20                                                         | 32               | 2.0/2.6            | 50                           | 100                        | 45                    | 635                    |
| L12T05N                | ORANGE                       | DIFFUSED             | 100                                                 | 150         | 30          | 5          | -40 TO +85                     | 20                                                         | 14               | 2.0/2.6            | 50                           | 100                        | 35                    | 610                    |
| L120TYSN               | YELLOW                       | DIFFUSED             | 100                                                 | 150         | 30          | 5          | -40 TO +85                     | 20                                                         | 24               | 2.1/2.6            | 50                           | 100                        | 35                    | 585                    |
| L120TG6N               | HI-EFF GREEN                 | DIFFUSED             | 100                                                 | 150         | 30          | 5          | -40 TO +85                     | 20                                                         | 35               | 2.2/2.6            | 50                           | 100                        | 30                    | 568                    |
| L120TG5N               | HI-EFF GREEN                 | DIFFUSED             | 100                                                 | 150         | 30          | 5          | -40 TO +85                     | 20                                                         | 12               | 2.2/2.6            | 50                           | 100                        | 30                    | 568                    |
| L120TPG5N              | PURE GREEN                   | DIFFUSED             | 100                                                 | 150         | 30          | 5          | -40 TO +85                     | 20                                                         | 10               | 2.2/2.6            | 45                           | 100                        | 25                    | 555                    |

$T_{stg}$ : -40°C TO +100°C

LEAD SOLDERING TEMP: [1.6mm (.063in) FROM BODY] 260°C FOR 5 SEC.

**LED**  
**LEDTRONICS, INC.**  
23105 KASHIWA COURT  
TORRANCE, CA 90505

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

TITLE

L120TXXN

DWG NO

DSDD0004

SCALE

2:1

SHEET

1 OF 1

DATE

01-20-97

CODE  
IDENT NO.  
8Z410

DWG BY  
SMA

CHK BY  
PL  
07-07-03

QA

MFG

CUSTOMER