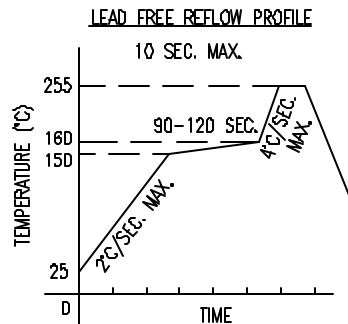
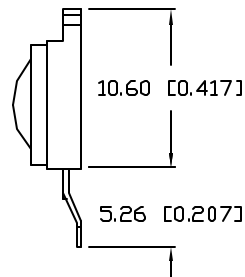
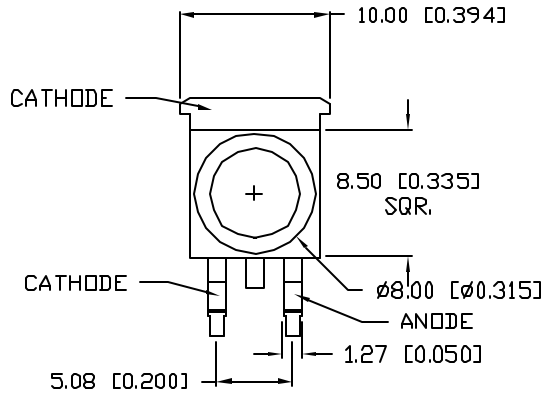
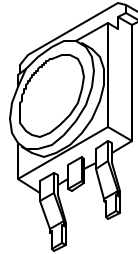
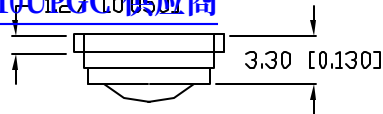
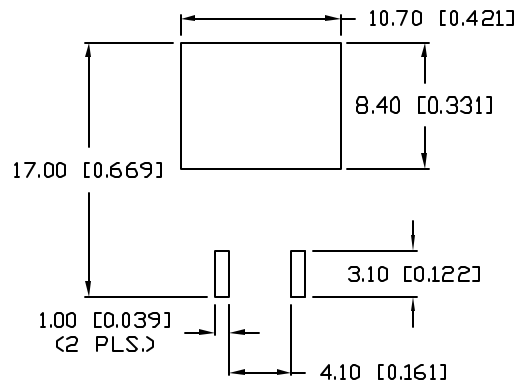


查询"SML-LX1610UPGC"供应商



## SOLDER PAD LAYOUT



CAUTION: STATIC SENSITIVE DEVICE  
FOLLOW PROPER E.S.D. HANDLING PROCEDURES  
WHEN WORKING WITH THIS PART.



## NOTES:

1. 50 PCS. IN EACH TUBE.

ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^{\circ}\text{C}$   $I_f=350\text{mA}$ 

| PARAMETER           | SYMBOL | MIN | TYP         | MAX | UNITS    | TEST COND           |
|---------------------|--------|-----|-------------|-----|----------|---------------------|
| PEAK WAVELENGTH     |        |     | 525         |     | nm       |                     |
| FORWARD VOLTAGE     | $V_f$  |     | 4           | 2   | V        | $I_f=350\text{mA}$  |
| REVERSE VOLTAGE     | $V_r$  | 5   |             |     | V        | $I_r=10\mu\text{A}$ |
| AXIAL INTENSITY(*1) | $I_v$  |     | 25          |     | lm       | $I_f=350\text{mA}$  |
| VIEWING ANGLE       |        |     | 70          |     | 2x theta |                     |
| EMITTED COLOR:      |        |     | GREEN       |     |          |                     |
| EPOXY LENS FINISH:  |        |     | WATER CLEAR |     |          |                     |

## LIMITS OF SAFE OPERATION AT 25°C

| PARAMETER             | SYMBOL    | MAX        | UNITS |
|-----------------------|-----------|------------|-------|
| PULSE FORWARD CURRENT | $I_p$     | 500        | mA    |
| STEADY CURRENT        | $I_F$     | 350        | mA    |
| POWER DISSIPATION     | $P_D$     | 1.5        | W     |
| OPERATING TEMP.       | $T_{OPR}$ | -20 TO +70 | °C    |
| STORAGE TEMP.         | $T_{STG}$ | -40 TO +85 | °C    |

\*DUTY 1/10 PULSE WIDTH 10ms

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN=+DECIMAL PRECISION MAX.=+0.00 -0.00 DECIMAL PRECISION

REV.

PART NUMBER

SML-LX1610UPGC

## CONFIDENTIAL INFORMATION

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## RELIABILITY NOTE

OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



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10.60 x 10mm HIGH POWER LED, 525nm GREEN LED.

DRAWN BY:

JD

CHECKED BY:

APPROVED BY:

DATE: 8.31.06

PAGE: 1 OF 1

SCALE: N/A