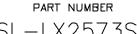
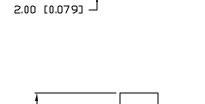
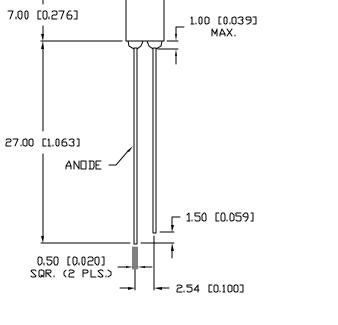
UNCONTROLLED DOCUMENT



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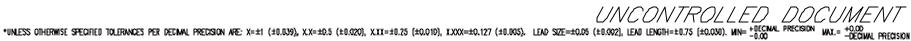




| ELECTRO-OPTICAL CH | -OPTICAL CHARACTERISTICS TA=25°C | | | | |
|--------------------|----------------------------------|-----|-----|----------|-----------------------|
| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
| PEAK WAVELENGTH | | 590 | | nm | |
| FORWARD VOLTAGE | | 2.0 | Z.5 | Vf | |
| REVERSE VOLTAGE | 5.0 | | | Vr | I _r =100μΑ |
| axial intensity | | 120 | | mcd | l f = 20mA |
| VIEWING ANGLE | | 90 | | 2x theto | |
| Emitted Color; | YELLOW | | | | |
| EPOXY LENS FINISH: | WATER CL | ear | | | |

LIMITS OF SAFE OPERATION AT 25'C

| PARAMETER | MAX | UNITS | |
|--------------------------|--------------|------------|--|
| PEAK FORWARD CURRENT* | 150 | mA | |
| STEADY CURRENT | 30 | mA | |
| POWER DISSIPATION | 125 | mW | |
| DERATE FROM 25°C | -1.2 | mW/°C | |
| OPERATING, STORAGE TEMP. | - 40 TO + 85 | . C | |
| SOLDERING TEMP. | + 260 | . C | |
| 2.0mm FROM BODY | | 3 SEC. MAX | |
| * t<10يرS | | | |
| - | | | |



| REV. | PART NUMBER | <u>Confidential Information</u> The Information Contained in this document is the property of | | |) E. HELEN ROA ATINE. IL 6006 | ND 57−6976 | |
|------|---|---|------------------------|--------|---|-----------------|---------------|
| | SSL-LX2573SYC | LUMEX NO. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUNEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FORM DESCRIPTE AND DESEMINATION TO ALL THRO PARTIES. | We Three Abroas To Mix | PHC US | NE: +1.847.35 WEB: www.lume WEB: www.lume | 9.2790 x.com | |
| 2m | ım x 5mm RECTANGULAR, 590nm AllnGaP YELLOW LED, | IN PART PROVIDENCESSURE AND USSEMMATING TO ALL THREE PARTIES, RELIABLITY NOTE OUR NAMY YEARS OF EXPERIENCE DATA ACCUNULATION INDICATE THAT | DRAWN BY: | | APPROVED BY: | | 7.26.02 |
| | WATER CLEAR LENS. | SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. Please pay attention to your soldering process. | CT | | | PAGE: SCALE: | 1 OF 1 N/A |

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