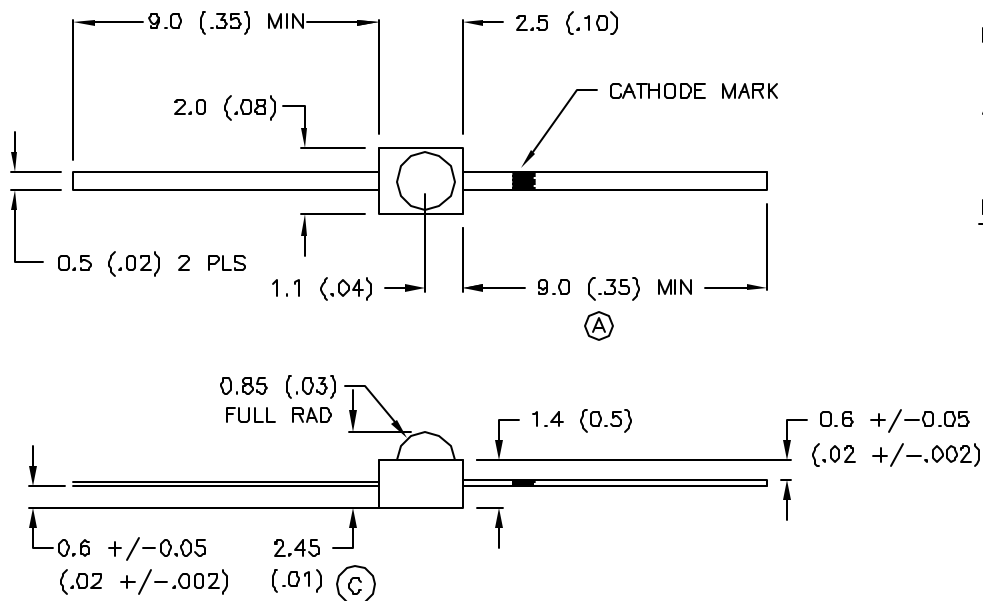


| DATE | REVISIONS | REV |
|----------|---|-----|
| 9-4-92 | REDRAWN/CHG'D LEAD FROM "10.0" TO "9.0 MIN" / | A |
| 8-2-93 | CHG'D CATHODE MARK. / | B |
| 5-23-94 | ADDED HEIGHT DIMENSION. / | C |
| 10-13-97 | E.C.N. #10BRDR. / | D |

| | |
|--------------------------------|----------|
| DRAWING NUMBER SSL-LXA223GC | REV D |
|--------------------------------|----------|

UNDER REVISION



ELECTRO-OPTICAL CHARACTERISTICS TA=25 °C If=20mA

| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
|--------------------|-----|-------------|-----|----------------|-----------------------|
| PEAK WAVELENGTH | | 565 (GREEN) | | nm | |
| FORWARD VOLTAGE | | 2.1 | 2.8 | V _f | |
| REVERSE VOLTAGE | 5.0 | | | V _r | I _r =100uA |
| AXIAL INTENSITY | | 12 | | mcd | I _f =20mA |
| VIEWING ANGLE | | 100 | | 2x theta | |
| EMITTED COLOR: | | GREEN | | | |
| EPOXY LENS FINISH: | | WATER CLEAR | | | |

LIMITS OF SAFE OPERATION AT 25 DEG. C

| PARAMETER | MAX | UNITS |
|--------------------------|-------------|------------|
| PEAK FORWARD CURRENT * | 155 | mA |
| STEADY CURRENT | 30 | mA |
| POWER DISSIPATION | 110 | mW |
| DERATE FROM 25 °C | -1.2 | mW/°C |
| OPERATING, STORAGE TEMP. | -55 TO +100 | °C |
| LEAD SOLDERING TEMP. | +230 | °C |
| 1.6mm FROM BODY | | 5 SEC. MAX |

* t<10uS

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.

| | | | |
|---|--------------------------------|--|----------|
| LUMEX INCORPORATED | | 290 E. HELLEN ROAD PALATINE, ILLINOIS 60067 (847) 359-2790 | |
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| DATE: 9-4-92 | DWN: | CHK'D: | APPD: |
| SCALE: N/A | | | |
| AXIA LED, GREEN WATER CLEAR LENS | | | |
| PAGE 1 OF 1 | DRAWING NUMBER SSL-LXA223GC | | REV D |