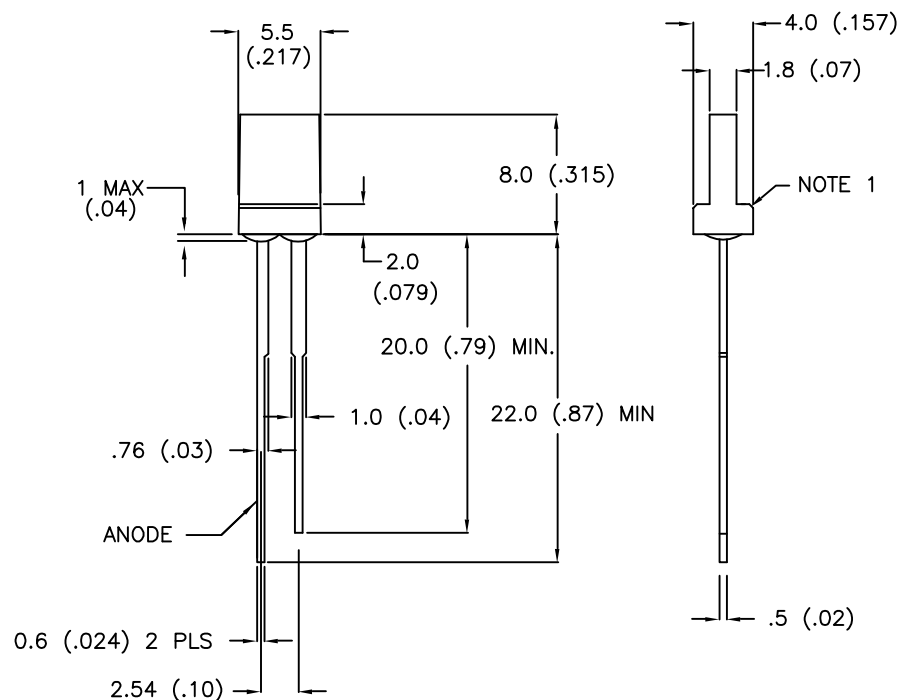


| DATE | REVISIONS | REV |
|--------|---------------------------|-----|
| 1-4-94 | REDRAWN & UPDATED SPECS./ | A |

| DRAWING NUMBER | REV |
|----------------|-----|
| SSL-LX2581GD | A |



TOLERANCE: ± 0.2 (± 0.01)

NOTES:

- CORNER CAN BE SQUARE OR SLIGHTLY CHAMFERED.

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.

| ELECTRO-OPTICAL CHARACTERISTICS TA=25 °C I _f =20mA | | | | | |
|---------------------------------------------------------------|----------------|-------------|-----|----------------|-----------------------|
| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
| PEAK WAVELENGTH | | 565 (GREEN) | | nm | |
| FORWARD VOLTAGE | | 2.0 | 2.8 | V _f | |
| REVERSE VOLTAGE | 5.0 | | | V _r | I _r =100uA |
| AXIAL INTENSITY | | 4 | | mcd | I _f =20mA |
| VIEWING ANGLE | | 80 | | 2x theta | |
| EMITTED COLOR : | GREEN | | | | |
| EPOXY LENS FINISH: | GREEN DIFFUSED | | | | |

① LIMITS OF SAFE OPERATION AT 25 DEG. C

| PARAMETER | MAX | UNITS |
|--------------------------|------------|------------|
| PEAK FORWARD CURRENT * | 150 | mA |
| STEADY CURRENT | 25 | mA |
| POWER DISSIPATION | 105 | mW |
| DERATE FROM 25 °C | -1.2 | mW/ °C |
| OPERATING, STORAGE TEMP. | -40 TO +85 | °C |
| LEAD SOLDERING TEMP. | +260 | °C |
| 2.0mm FROM BODY | | 3 SEC. MAX |

* t<10μS



292 E. HELLEN ROAD
PALATINE, ILLINOIS 60067
(708) 359-2790

DATE: 2-24-93

APPROVED BY:

DRAWN BY:

SCALE: N/A

2.5 X 5 mm RECTANGULAR LED WITH SHOULDER, GREEN DIFFUSED

PAGE 1 OF 1

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SSL-LX2581GD

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LX2581AA