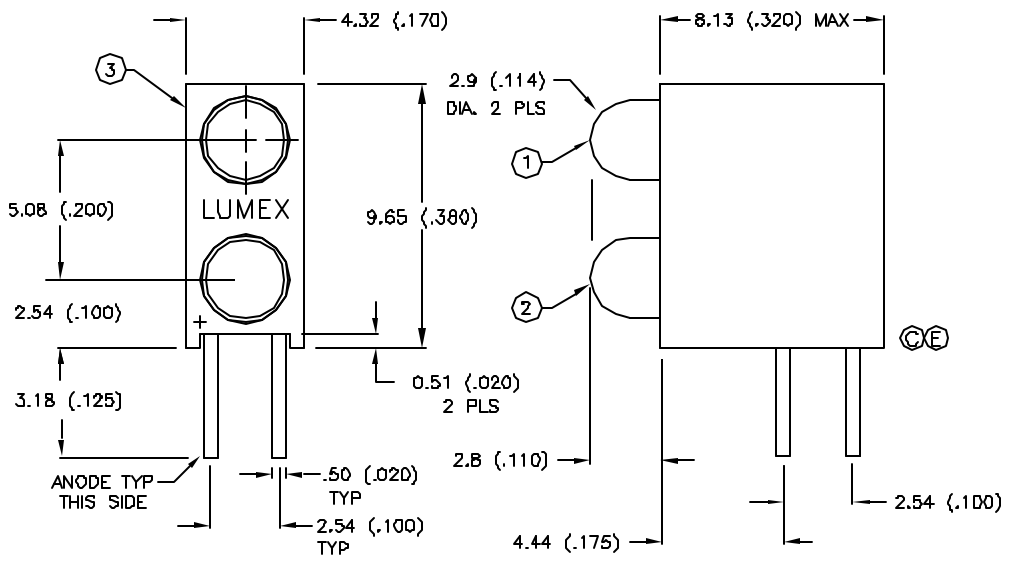


| DATE | REVISIONS | REV |
|----------|--|-----|
| 8-9-93 | CHG'D LEAD LENGTHS/ | A |
| 8-27-93 | CHG'D LEAD LENGTHS/ | B |
| 8-19-94 | CHG'D HOLDER BOTTOM & SAFE OP. SPECS./ | C |
| 11-29-94 | UPDATED SPECS./ | D |
| 2-6-95 | CHG'D. HOLDER BOTTOM./ | E |
| 10-9-95 | REF ECN 10100./ | F |
| 2-12-96 | REF ECN 10104./ | G |

DRAWING NUMBER
SSF-LXH240GYD
REV
G

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

| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
|-----------------------|-------------------------|--------------|--------------------------|----------------|-----------------------|
| PEAK WAVELENGTH | | 565 (GREEN) | | nm | |
| | | 585 (YELLOW) | | nm | |
| FORWARD VOLTAGE (G/Y) | | 2.1 | 2.8 | V _f | |
| REVERSE VOLTAGE | 5.0 | | | V _r | I _r =100uA |
| AXIAL INTENSITY (G/Y) | | 15 | | mcd | I _f =20mA |
| VIEWING ANGLE | | 80 | | 2x theta | |
| EMITTED COLOR : | POS. 1 - GREEN | | POS. 2 - YELLOW | | |
| EPOXY LENS FINISH: | POS. 1 - GREEN DIFFUSED | | POS. 2 - YELLOW DIFFUSED | | |



LIMITS OF SAFE OPERATION AT 25 DEG. C

| PARAMETER | MAX | UNITS |
|-------------------------------|------------|------------|
| ① PEAK FORWARD CURRENT (G/Y)* | 150/150 | mA |
| ① STEADY CURRENT (G/Y) | 25/30 | mA |
| ① POWER DISSIPATION (G/Y) | 105/105 | mW |
| DERATE FROM 25 °C | -1.6 | mW/ °C |
| Ⓒ OPERATING, STORAGE TEMP. | -40 TO +85 | °C |
| Ⓒ LEAD SOLDERING TEMP. | +260 | °C |
| Ⓒ 2.0mm FROM BODY | | 3 SEC. MAX |

* t < 10µs

BILL OF MATERIALS:

- SSL-LX3044GD LED.
- SSL-LX3044YD LED.
- SSH-LXH240 HOLDER. MATERIAL: BLACK NYLON 94V-0.

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
OPTO COMPONENTS INC.

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

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| | | | |
|--------------|------|--------|-------|
| DATE: 2-2-93 | DWN: | CHK'D: | APPD: |
| SCALE: N/A | | | |

T-3mm LED, RIGHT ANGLE FAULT INDICATOR,
GREEN/YELLOW DIFFUSED

| | | |
|-------------|---------------------------------|----------|
| PAGE 1 OF 1 | DRAWING NUMBER SSF-LXH240GYD | REV G |
|-------------|---------------------------------|----------|

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