

| DATE    | REVISIONS                              | REV |
|---------|----------------------------------------|-----|
| 8-15-94 | CHG'D. OPER/STOR. TEMPS AND STAND-OFF/ | A   |
| 3-6-95  | CHG'D. STANDOFF, UPDATED SPECS./       | B   |
| 9-23-96 | E.C.N. #10244./                        | C   |

DRAWING NUMBER  
SSF-LXH340IYGD

REV  
C

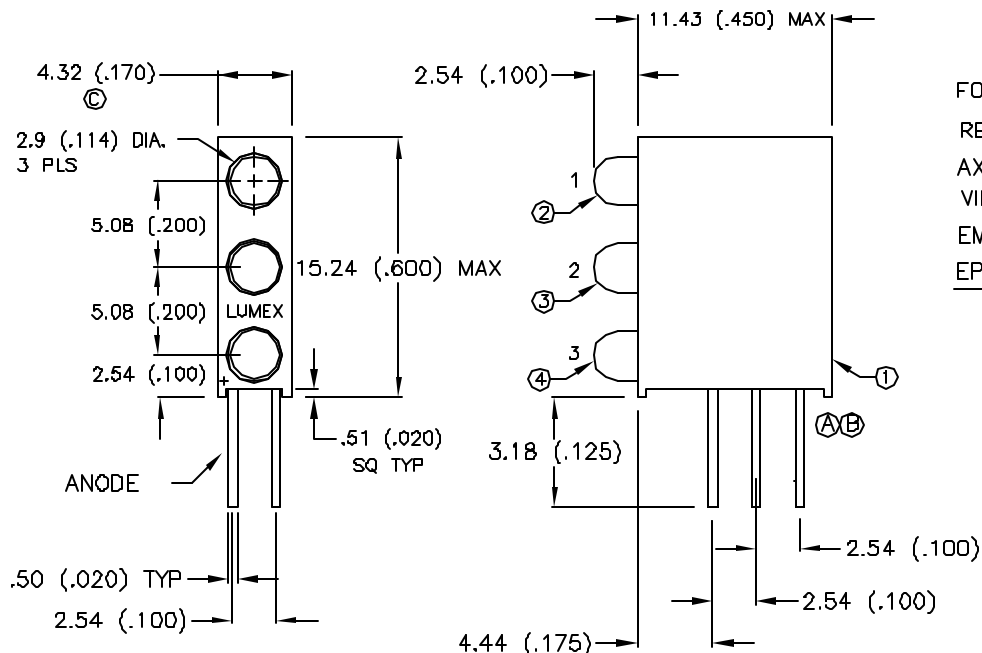
ELECTRO-OPTICAL CHARACTERISTICS TA=25 °C If=20mA

| PARAMETER          | MIN                         | TYP           | MAX          | UNITS          | TEST COND             |
|--------------------|-----------------------------|---------------|--------------|----------------|-----------------------|
| PEAK WAVELENGTH    | POS. 1                      | 635 (RED)     |              | nm             |                       |
|                    | POS. 2                      | 585 (YELLOW)  |              |                |                       |
|                    | POS. 3                      | 565 (GREEN)   |              |                |                       |
| FORWARD VOLTAGE    |                             | 2.1           | 2.8          | V <sub>f</sub> |                       |
| REVERSE VOLTAGE    | 5.0                         |               |              | V <sub>r</sub> | I <sub>r</sub> =100uA |
| AXIAL INTENSITY    |                             | 15            |              | mcd            | I <sub>f</sub> =20mA  |
| VIEWING ANGLE      |                             | 80            |              | 2x theta       |                       |
| EMITTED COLOR:     | POS. 1-RED                  | POS. 2-YELLOW | POS. 3-GREEN |                |                       |
| EPOXY LENS FINISH: | RED, YELLOW, GREEN DIFFUSED |               |              |                |                       |

ⓑ LIMITS OF SAFE OPERATION AT 25 DEG. C

| PARAMETER                  | MAX        | UNITS      |
|----------------------------|------------|------------|
| PEAK FORWARD CURRENT *     | 150        | mA         |
| STEADY CURRENT(I/Y/G)      | 30/30/25   | mA         |
| POWER DISSIPATION          | 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<10uS



BILL OF MATERIALS:

- SSH-LXH340 HOLDER. MATERIAL: BLACK NYLON 94V-0.
- SSL-LX3044ID LED.
- SSL-LX3044YD LED.
- SSL-LX3044GD LED.

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.

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|              |      |        |       |
|--------------|------|--------|-------|
| DATE: 8-5-94 | DWN: | CHK'D: | APPD: |
| SCALE: N/A   |      |        |       |

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

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SSF-LXH340IYGD

REV  
C

# Mouser Electronics

Authorized Distributor

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