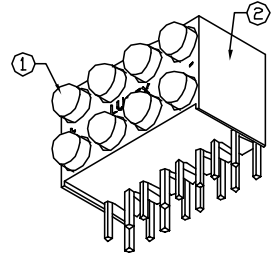
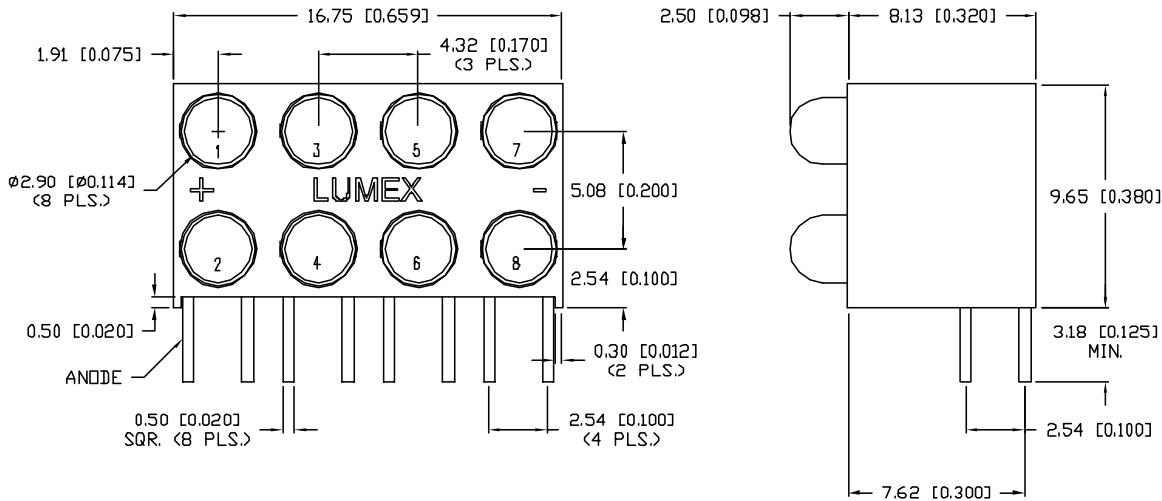


UNCONTROLLED DOCUMENT

PART NUMBER
SSF-LXH42103YD

REV.



| ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$ | | | | | |
|--|-----------------|-----|-----|------------|----------------------|
| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
| PEAK WAVELENGTH | | 585 | | nm | |
| FORWARD VOLTAGE | | 2.1 | 2.5 | V_f | |
| REVERSE VOLTAGE | 5.0 | | | V_r | $I_f=100\mu\text{A}$ |
| AXIAL INTENSITY | | 30 | | mcđ | $I_f=20\text{mA}$ |
| VIEWING ANGLE | | 60 | | $2x$ theta | |
| EMITTED COLOR: | YELLOW | | | | |
| EPOXY LENS FINISH: | YELLOW DIFFUSED | | | | |

| LIMITS OF SAFE OPERATION AT 25°C | | |
|--|------------|------------------------|
| PARAMETER | MAX | UNITS |
| PEAK FORWARD CURRENT* | 150 | mA |
| STEADY CURRENT | 30 | mA |
| POWER DISSIPATION | 105 | mW |
| DERATE FROM 25°C | -1.6 | mW/ $^{\circ}\text{C}$ |
| OPERATING, STORAGE TEMP. | -40 TO +85 | $^{\circ}\text{C}$ |
| SOLDERING TEMP. | +260 | $^{\circ}\text{C}$ |
| 2.0mm FROM BODY | | 3 SEC. MAX |
| * $t < 10\mu\text{s}$ | | |

NOTES:

- SSL-LX3044YD LED. (8 PCS.)
- SSH-LXH42103, HOLDER.
- PARTS ARE TO BE SUPPLIED IN TUBES.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN.=^{+DECIMAL PRECISION}_{-0.00} MAX.=^{+0.00}_{-DECIMAL PRECISION}

UNCONTROLLED DOCUMENT

| | |
|------|-------------------------------|
| REV. | PART NUMBER SSF-LXH42103YD |
|------|-------------------------------|

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T-3mm (T-1) RIGHT ANGLE FAULT INDICATOR, 8 LEDS,
585nm YELLOW LEDS, YELLOW DIFFUSED.

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.

| | | | |
|-----------------|-------------|--------------|--|
| DRAWN BY: BC | CHECKED BY: | APPROVED BY: | DATE: 11.24.02 PAGE: 1 OF 1 SCALE: N/A |
|-----------------|-------------|--------------|--|