



- NOTES:
1. SSH-LXH072 HOLDER, BLACK.
 2. SSL-LX28783YD LED, YELLOW.
 3. SECURE LED TO HOLDER WITH UV ACRYLIC.
 4. PANEL CUT OUT SIZE: 5.3mm x 11.0mm.

ELECTRO-OPTICAL CHARACTERISTICS $I_A=25\text{mA}$ $I_f=20\text{mA}$

| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
|--------------------|-----------------|-----|-----|----------------|----------------------|
| PEAK WAVELENGTH | 585 | | | nm | |
| FORWARD VOLTAGE | 2.1 | 2.5 | | V _f | $I_f=100\mu\text{A}$ |
| REVERSE VOLTAGE | 5.0 | | | V _r | $I_f=20\text{mA}$ |
| AXIAL INTENSITY | 9 | | | med | |
| VIEWING ANGLE | 110 | | | 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 | -1.2 | mW/°C |
| OPERATING, STORAGE TEMP. | -40 TO +85 | °C |
| SOLDERING TEMP. | +260 | °C |
| 2.0mm FROM BODY | 3 SEC. MAX | |
| * $t < 10\mu\text{s}$ | | |

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=#1 (+0.030), X#=#0.5 (+0.020), X#X=#0.25 (+0.010), XXX#=#0.127 (+0.005), LEAD SIZE=#0.08 (+0.002), LEAD LENGTH=#0.75 (+0.030), MIN#=#0.00

| | |
|--------|-----------------------------|
| REV. B | PART NUMBER SSI-LXH072YD |
|--------|-----------------------------|

2.3mm x 7mm RECTANGULAR PANEL INDICATOR LED,
585nm YELLOW LED, YELLOW DIFFUSED LENS.

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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.



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| | | | SCALE: N/A |