



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

| PARAMETER | WHITE | YELLOW | GREEN | UNITS | TEST COND |
|------------------------|-------|--------|-------|----------------|-----------------------|
| PEAK WAVELENGTH | - | 590 | 574 | nm | |
| FORWARD VOLTAGE (TYP.) | 3.5 | 2.1 | 2.2 | nm | |
| FORWARD VOLTAGE (MAX.) | 4.0 | 2.5 | 2.6 | V _f | |
| REVERSE VOLTAGE | 5.0 | 5.0 | 5.0 | V _r | I _r =100μA |
| AXIAL INTENSITY | 400 | 100 | 60 | mcd | I _f =20mA |
| VIEWING ANGLE | 60 | 60 | 60 | 2x theta | |
| LED POSITION: | 1 | 2 | 3 | | |

EPOXY LENS FINISH: MILKY WHITE DIFFUSED

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

| PARAMETER | COLORS | MAX | UNITS |
|--------------------------|---------|-------------|------------|
| PEAK FORWARD CURRENT* | (W/Y/G) | 100/150/150 | mA |
| STEADY CURRENT | | 30 | mA |
| POWER DISSIPATION | | 105 | mW |
| DERATE FROM 25°C | | -1.6 | mW/°C |
| OPERATING, STORAGE TEMP. | | -40 TO +85 | °C |
| SOLDERING TEMP. | | +260 | °C |
| 2.0mm FROM BODY | | | 3 SEC. MAX |

* t<10μs

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

NOTES:

1. WHITE LED.
2. YELLOW LED.
3. GREEN LED.
4. SSH-LXH340 HOLDER, BLACK NYLON, 94V-0.



*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

| | |
|------|--------------------|
| REV. | PART NUMBER |
| | SSF-LXH340UWSYUGW4 |

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T-3mm (T-1) RIGHT ANGLE FAULT INDICATOR HOLDER,
POS.1: WHITE LED, POS.2: 590nm YELLOW LED,
POS.3: 574nm GREEN LED, MILKY WHITE 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: jc | CHECKED BY: | APPROVED BY: | DATE: 5.2.07 |
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| | | | SCALE: N/A |

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