



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

PARAMETER	RED	YELLOW	UNITS	TEST COND
PEAK WAVELENGTH	636	585	nm	
FORWARD VOLTAGE (TYP.)	2.0	2.1	V <sub>f</sub>	
FORWARD VOLTAGE (MAX.)	2.6	2.5	V <sub>f</sub>	
REVERSE VOLTAGE	5.0	5.0	V <sub>r</sub>	$I_r=100\mu\text{A}$
AXIAL INTENSITY	20	15	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	60	60	2x theta	
LED POSITION:	1	2-4		
EPOXY LENS FINISH: DIFFUSED SAME AS EMITTED COLOR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		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

\*  $t < 10\mu\text{s}$

NOTES:

1. SSL-LX20333SID, RED LED.
2. SSL-LX20333YD, YELLOW LED (3 PCS)
3. SSH-LXH5147, BLACK HOLDER.



\*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-LXH5147SIYYD

T-1.8mm LED, RIGHT ANGLE QUAD TOWER FAULT INDICATOR  
POS.1: 636nm RED, POS.2,3 & 4: 585nm YELLOW,  
COLOR DIFFUSED PER POSITION.

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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