



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

PARAMETER	GREEN	YELLOW	UNITS	TEST COND
PEAK WAVELENGTH	565	585	nm	
FORWARD VOLTAGE (TYP.)	2.2	2.1	V_f	
FORWARD VOLTAGE (MAX.)	2.6	2.5	V_f	
REVERSE VOLTAGE	5.0	5.0	V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY (TYP.)	15	30	mcd	$I_f=20\text{mA}$
AXIAL INTENSITY (MIN.)	1.0	1.0	mcd	$I_f=2\text{mA}$
VIEWING ANGLE	60	60	2x theta	
LED POSITION:	1,2	3-4		
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	(G/Y)	25/30	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-LX20333LGD, LOW CURRENT GREEN LED (2 PCS).
2. SSL-LX20333LYD, LOW CURRENT YELLOW LED (2 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-LXH5147LGGYYD

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290 E. HELEN ROAD
 PALATINE, IL 60067-6976
 PHONE: +1.847.359.2790
 US WEB: www.lumex.com
 TW WEB: www.lumex.com.tw

T-1.8mm LED, RIGHT ANGLE QUAD TOWER FAULT INDICATOR
 LOW CURRENT LEDS, POS. 1,2: 565nm GREEN,
 POS.3,4: 585nm YELLOW, LENS DIFFUSED PER COLOR.

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:

GB

CHECKED BY:

APPROVED BY:

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PAGE: 1 OF 1

SCALE: N/A