

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

PARAMETER	GREEN	RED	UNITS	TEST COND
PEAK WAVELENGTH	565	635	nm	
FORWARD VOLTAGE (TYP.)	2.2	2.0	$V_f$	
FORWARD VOLTAGE (MAX.)	2.6	2.5	$V_f$	
REVERSE VOLTAGE	5.0	5.0	$V_r$	$I_r=100\mu\text{A}$
AXIAL INTENSITY	30	30	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	60	60	2x theta	
LED POSITION:	1~2	3		
EPOXY LENS FINISH: DIFFUSED SAME AS EMITTED COLOR				

LIMITS OF SAFE OPERATION AT  $25^{\circ}\text{C}$ 

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(G/R)	25/30	mA
POWER DISSIPATION		105	mW
DERATE FROM $25^{\circ}\text{C}$		-1.2	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:

1. SSL-LX3044GD, GREEN LED. (2 PCS.)
2. SSL-LX3044ID, RED LED.
3. SSH-LXH340 HOLDER, BLACK NYLON, 94V-0.

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

REV.

PART NUMBER

SSF-LXH340GGID

T-3mm (T-1) RIGHT ANGLE FAULT INDICATOR HOLDER,  
POS.1~2: 565nm GREEN, POS.3: 635nm RED,  
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

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