



ELECTRO-OPTICAL CHARACTERISTICS I_A=25°C I_F=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		700 (RED)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.5	V _F	I _F =100µA
REVERSE VOLTAGE		5.0		V _R	I _F =20mA
AXIAL INTENSITY (R/G)		6/20		mcd	
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:		RED/GREEN			
EPOXY LENS FINISH:		MILKY WHITE			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/G)	25/25	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

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=#1 (+0.039), X#=#103 (+0.020), X#X=#125 (+0.010), XXX=#10,127 (+0.005), LEAD SIZE=#106 (+0.08 (-0.02)), LEAD LENGTH=#175 (+0.030), MIN=-0.00

PART NUMBER
SSL-LX3044HPGW

REV.
T-3mm (T-1) 700nm RED/555nm GREEN BICOLOR LED,
MILKY WHITE 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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