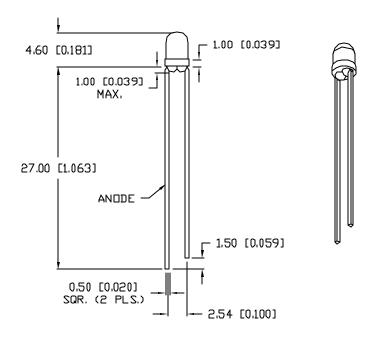
SSL-LX3044LAT





ELECTRO-OPTICAL CH	IARACTERI	STICS TA=25°C		I _f =20mA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		610		nm	
FORWARD VOLTAGE		2.0	2.5	V_f	
REVERSE VOLTAGE	5.0			٧ _٢	I _r = 100μΑ
AXIAL INTENSITY		50		mcd	I _f =20mA
	1.0			mcd	$I_f = 2mA$
VIEWING ANGLE		30		2x theta	
EMITTED COLOR;	AMBER				
EPOXY LENS FINISH:	AMBER	TRANSPARENT			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	<i>3</i> 0	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

UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECINAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.0010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECINAL PRECISION MAX.= +0.00 (±0.002), XXX=±0.127 (±0.005).

REV.

PART NUMBER SSL-LX3044LAT

T-3mm (T-1) 610nm AMBER LED, AMBER TRANSPARENT LENS, LOW CURRENT OPERATION. CONFIDENTIAL INFORMATION
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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.



BC

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DATE: 4.9.01 PAGE: 1 OF 1 SCALE: N/A

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