	PART NUMBER	REV.
	SSL-LX5093XAC	B

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & REDRAWN IN 3D.	5.18.01
B	E.C.N. #11148	10.30.06

Ø5.90 [Ø0.232]   Ø5.00 [Ø0.197]

+

Ø4.70 [Ø0.185]

8.60 [0.339]

1.00 [0.039]

1.00 [0.039] MAX.

27.00 [1.063]

ANODE

1.50 [0.059]

0.50 [0.020] SQR. (2 PLS.)

2.54 [0.100]
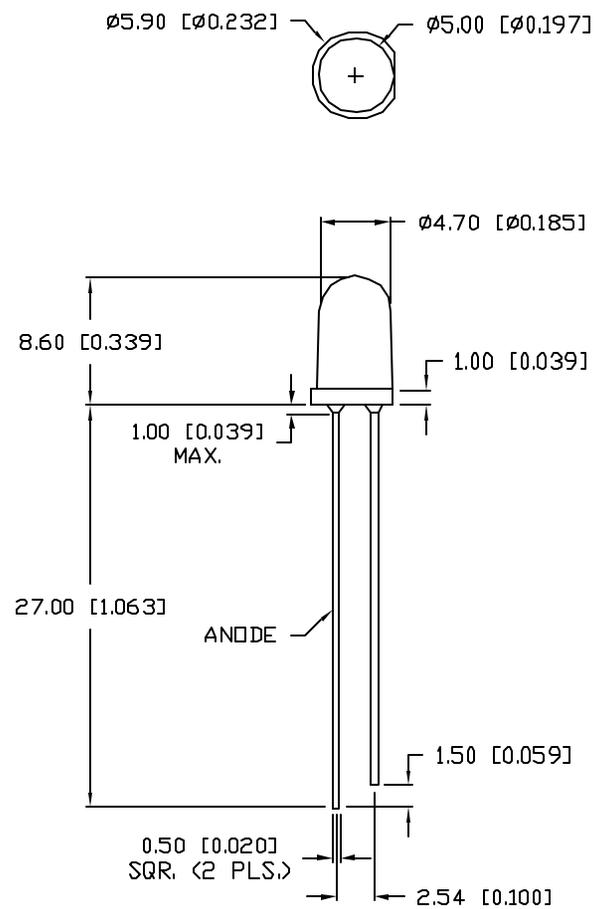
ELECTRO-OPTICAL CHARACTERISTICS T$_A$=25°C   I$_f$=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		610		nm	
FORWARD VOLTAGE		2.0	2.5	V$_f$	
REVERSE VOLTAGE	5.0			V$_r$	I$_r$=100µA
AXIAL INTENSITY		600		mcd	I$_f$=20mA
VIEWING ANGLE		20		2x theta	
EMITTED COLOR:	AMBER				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* t<10µS

Pb

*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= $^{+DECIMAL\ PRECISION}_{-0.00}$ MAX.= $^{+0.00}_{-DECIMAL\ PRECISION}$

REV.	PART NUMBER	
B	SSL-LX5093XAC	

T-5mm (T-1 3/4) 610nm AMBER, TAPERED LED,
WATER CLEAR LENS.

LUMEX

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DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 10.30.06
JC			PAGE: 1 OF 1
			SCALE: N/A

Mouser Electronics

Authorized Distributor

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