PART NUMBER	REV.
SSL-LX507F3SGC-T	C

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10326.	3.31.97
B	E.C.N. #10BRDR. & REDRAWN IN 3D.	6.4.01
C	E.C.N. #11148	11.01.06

Ø4.75 [Ø0.187]

+

7.20 [0.283]

11.8 [0.465]

1.00 [0.039] MAX.

1.20 [0.047] (2 PLS.)

26.40 [1.039]

ANODE

1.00 [0.039]

0.50 [0.020] SQR. (2 PLS.)

2.54 [0.100]
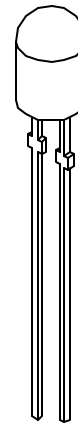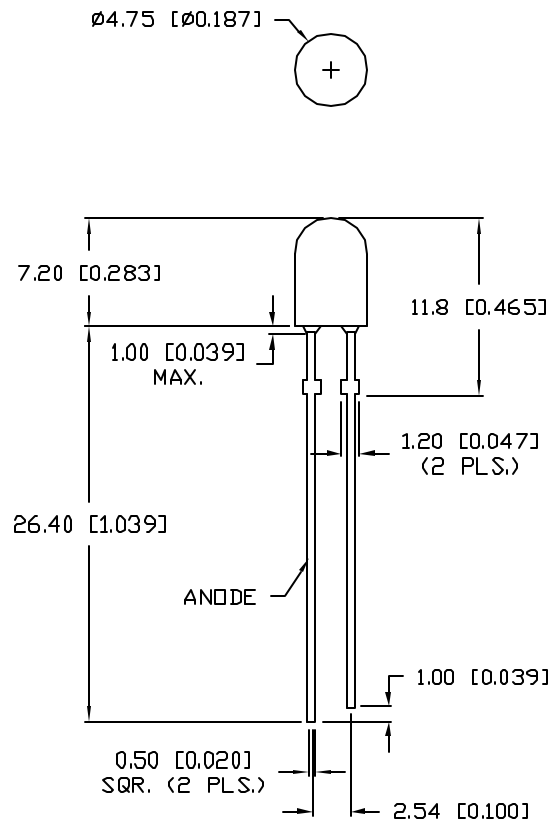
ELECTRO-OPTICAL CHARACTERISTICS $T_A=25°C$ $I_f=20mA$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu A$
AXIAL INTENSITY		200		mcd	$I_f=20mA$
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	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

* $t<10\mu S$

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
C	SSL-LX507F3SGC-T

T-5mm (T-1 3/4) 565nm SUPER GREEN LED,
WATER CLEAR LENS, WITH STADOFFS.

LUMEX

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JC			PAGE: 1 OF 1
			SCALE: N/A

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