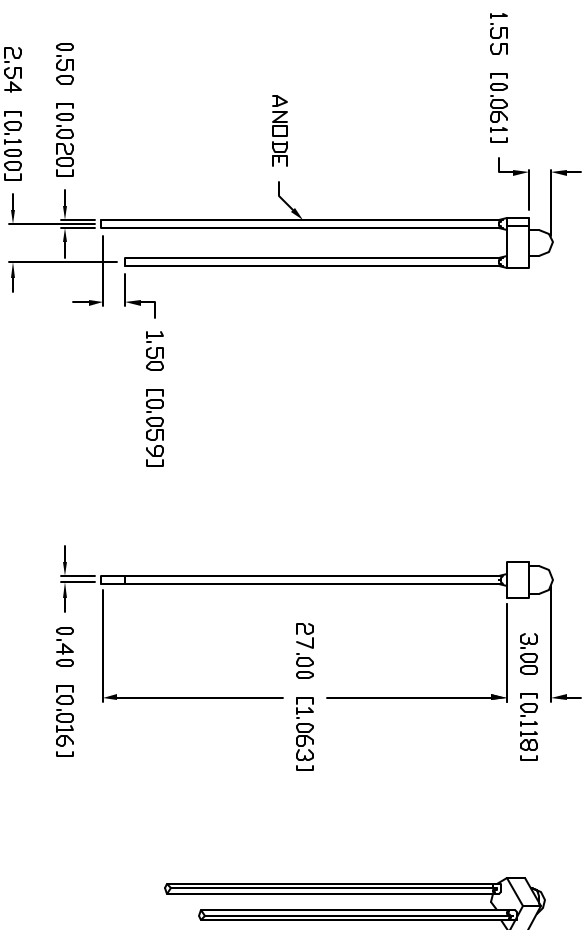
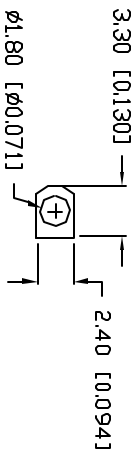


REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & REDRAWN.	7.2.98
B	E.C.N. #10695.	4.9.01



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	V_f	$I_f=100\mu\text{A}$
REVERSE VOLTAGE		5.0		V_r	$I_f=20\text{mA}$
AXIAL INTENSITY		90		mcd	
VIEWING ANGLE		30		2θ 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	-1.5	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+280	°C
2.0mm FROM BODY		3 SEC. MAX
* $t < 10\mu\text{s}$		

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=#1 (+0.039), X±#3 (+0.020), X±#125 (+0.010), XXX=#±0.127 (+0.005), LEAD SIZE=#±0.08 (+0.002), LEAD LENGTH=#±0.75 (+0.030), MIN=-0.00

UNCONTROLLED DOCUMENT

PART NUMBER

SSL-LX20333SGC

REV.
B

T-1.8mm STOVEPIPE LED,
565nm SUPER GREEN LED, WATER CLEAR 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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