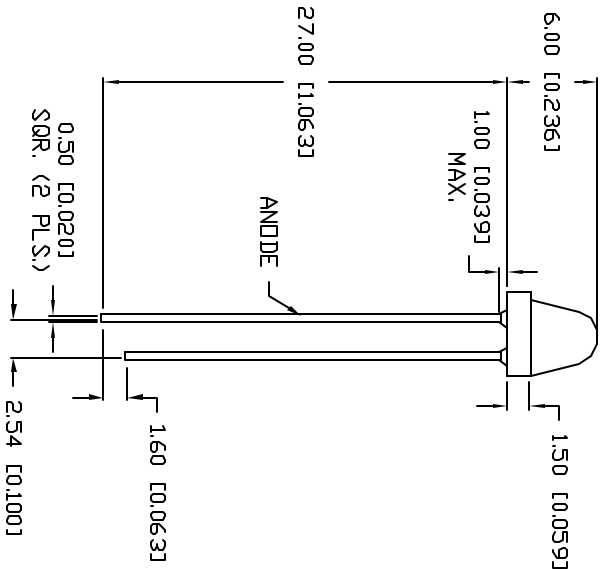
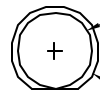


Ø5.00 [Ø0.197] Ø5.90 [Ø0.232]



PART NUMBER			REV.
SSL-LX50631D			C
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE	
A	UPDATED SPECS.	7.27.95	
B	REDRAWN.	11.10.97	
C	E.C.N. #10BRDR. & REDRAWN IN 3D.	4.19.01	

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.5	V _F	
REVERSE VOLTAGE	5.0			V _R	I _F =100µA
AXIAL INTENSITY		40		md	I _F =20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

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

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.X.X=±0.25 (±0.010), X.XXX=±0.127 (±0.005), LEAD SIZE=±0.08 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN= -0.00 MAX= +0.00 DECIMAL PRECISION

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REV.

C

T=5mm (T=1 3/4) 635nm RED LED,
RED DIFFUSED LENS.

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.



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BC			5.18.90
			PAGE: 1 OF 1
			SCALE: N/A