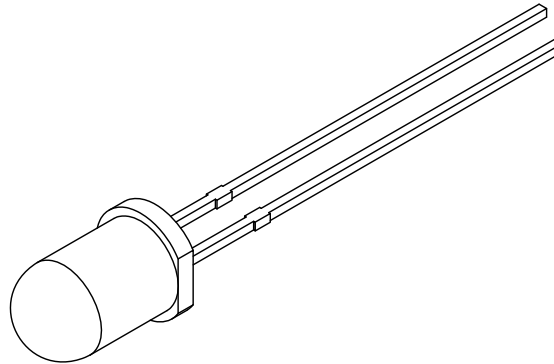
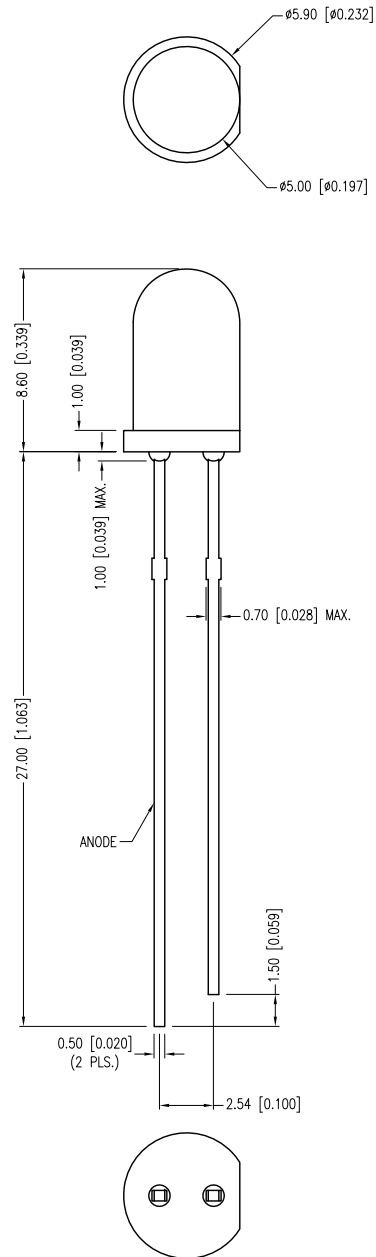


PART NUMBER	SSL-LX50930D	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
02.12.95	UPDATED SPECS.		A
05.14.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		B
10.23.06	E.C.N. #11148.		C
09.04.12	E.C.N. #10BRDR. & REDRAWN.		D



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C		If=20mA		UNITS	TEST COND
PARAMETER	MIN	TYP	MAX		
PEAK WAVELENGTH		630		nm	
FORWARD VOLTAGE		2.0	2.5	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100μA
AXIAL INTENSITY		30		mcd	If=20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	ORANGE				
EPOXY LENS FINISH:	ORANGE 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 TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC.

* t<10μs

*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

UNCONTROLLED DOCUMENT