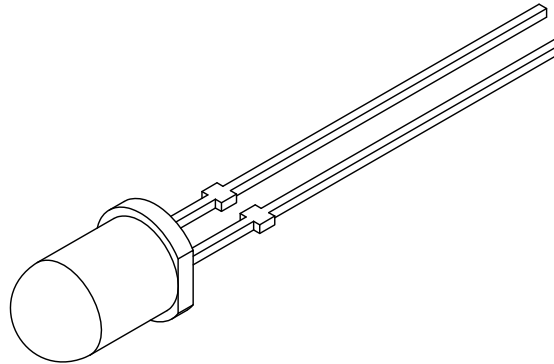
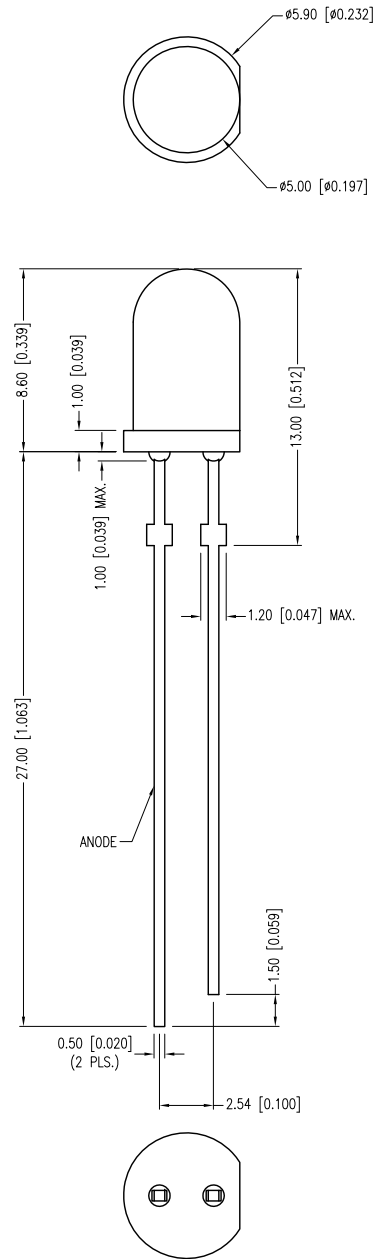


PART NUMBER	SSL-LX5093SRC/X-13	REV.	E
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
09.30.96	E.C.N. #10251.		A
10.12.99	E.C.N. #10558.		B
05.31.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		C
10.25.06	E.C.N. #11148.		D
09.27.12	E.C.N. #10BRDR. & REDRAWN.		E



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C		If=20mA			
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.7	2.2	Vf	
REVERSE VOLTAGE	4.0			Vr	Ir=100μA
AXIAL INTENSITY	/DU 1000	1300		mcd	If=20mA
	/DV 1300	1600		mcd	If=20mA
	/DW 1600	2000		mcd	If=20mA
	/E 2000	3500		mcd	If=20mA
	/F 3500	4500		mcd	If=20mA
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	RED				
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	100	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