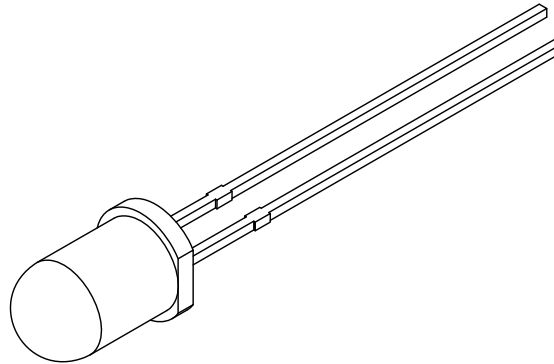
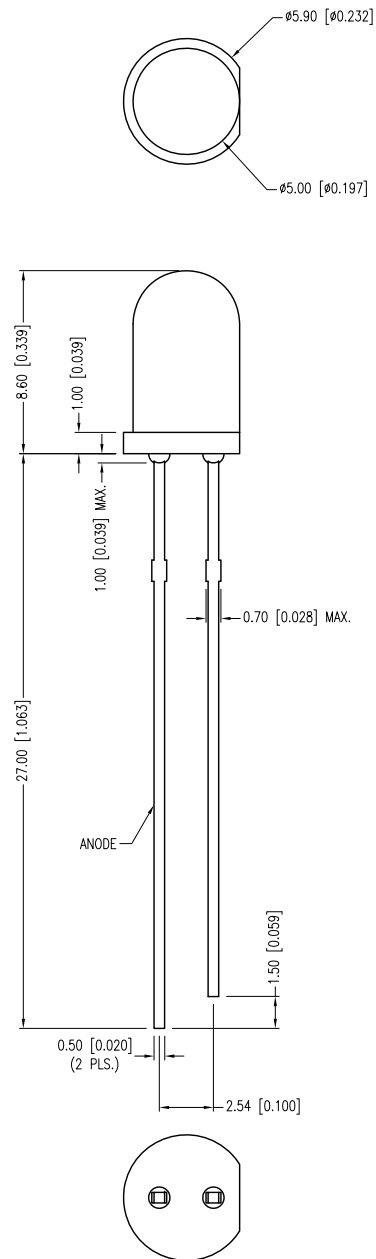


PART NUMBER	SSL-LX5093ID-5V	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
06.10.94	REDRAWN.		A
05.24.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		B
10.19.06	E.C.N. #11148.		C
02.13.12	E.C.N. #10BRDR & REDRAWN.		D



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=5V				
PARAMETER	MIN	TYP	MAX	UNITS TEST COND
PEAK WAVELENGTH		635		nm
FORWARD VOLTAGE		5.0	7.0	Vf
REVERSE VOLTAGE	5.0			Vr If=100μA
AXIAL INTENSITY		20		mcd If=5V
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 VOLTAGE	7.0	V
STEADY CURRENT	12	mA
POWER DISSIPATION	310	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.

*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