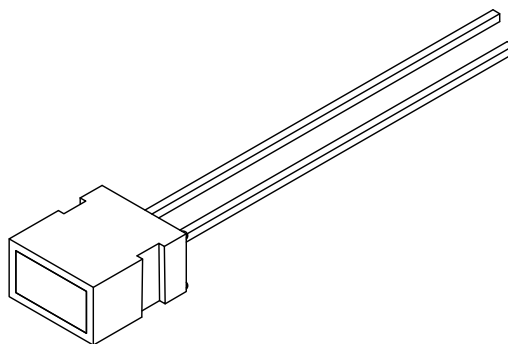
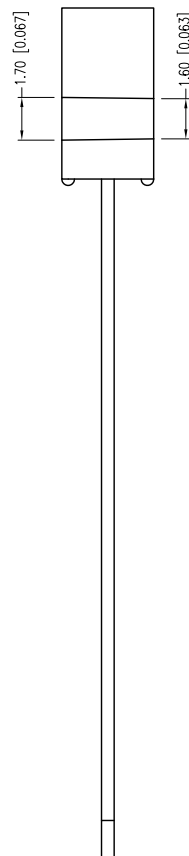
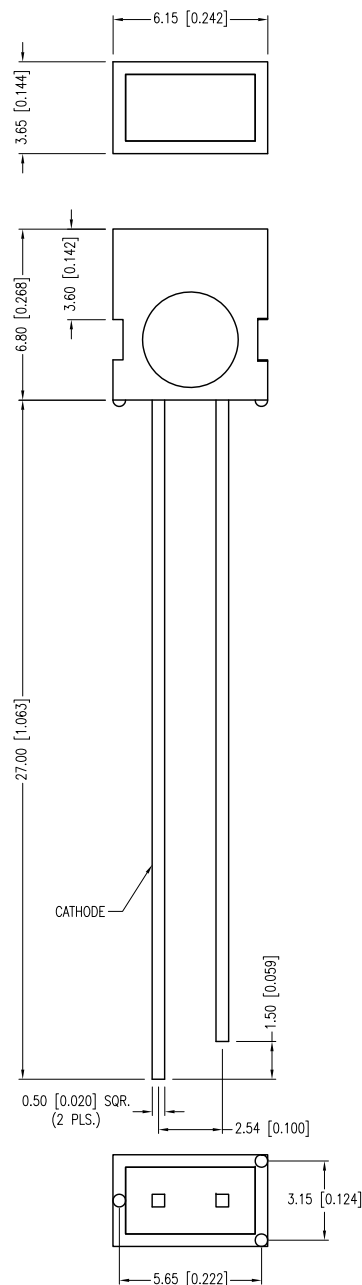




PART NUMBER	SSL-LX4673ID-LAB3	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
02.26.02	E.C.N. #10BRDR. & #10839.		A
08.17.12	E.C.N. #10BRDR. & REDRAWN.		B

[A] ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.8	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100μA
AXIAL INTENSITY	1.8	8	12	mcd	If=20mA
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:	RED				
LENS FINISH:	RED DIFFUSED				

[A] INTENSITY BIN CODE	M	N	P
RANGE (mcd)	1.8~	3~	5~
	5	7	12

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

NOTES:

1. BIN SORTED TO 3 GROUPS, P, M AND N.

*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}