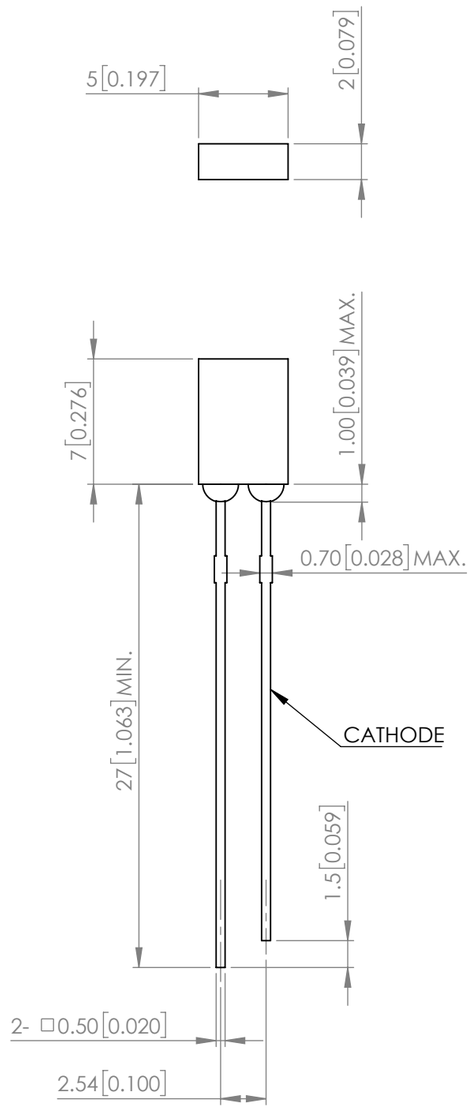
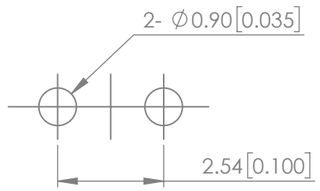
PART NUMBER	SSL-LX2573SID	REV	A

REV	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	ECN-Lumex201700044	08.04.17



RECOMMENDED PCB LAYOUT



ELECTRO-OPTICAL CHARACTERISTIC TA=25℃

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	645	-	nm	If=20mA
FORWARD VOLTAGE	-	1.95	2.5	Vf	If=20mA
REVERSE VOLTAGE	-	-	5	Vr	Ir=10uA
LUMINOUS INTENSITY	-	50	-	mcd	If=20mA
VIEWING ANGLE	-	140	-	2x theta1/2	-
EMITTED COLOR	RED				
EPOXY LENS FINISH	RED DIFFUSED				

ABSOLUTE MAXIMUM RATINGS TA=25℃

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	185	mA
FORWARD CURRENT	30	mA
POWER DISIPATION	75	mW
STORAGE TEMPERATURE	-40 TO +85	℃
OPERATING TEMPERATURE	-40 TO +85	℃
SOLDERING TEMPERATURE**	3 SEC. MAX. @260	℃

***t<10us**
****2.0mm FROM BODY**

NOTE:
1. RoHS COMPLIANT.

STATIC DEVICE FOLLOW PROPER
E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART

*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= $^{+\text{DECIMAL PRECISION}}_{-0.00}$ MAX.= $^{+0.00}_{-\text{DECIMAL PRECISION}}$

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2(L)*5(W)*7(H)mm RECTANGULAR, 645nm AlInGaP RED LED, RED DIFFUSED LENS.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE : 2017.08.04	DRAWN BY : C.C.
PAGE : 1 OF 1	CHKD BY : G.Y.
SCALE : NTF	APRVD BY : E.C.
UNIT : mm [INCH]	Pb