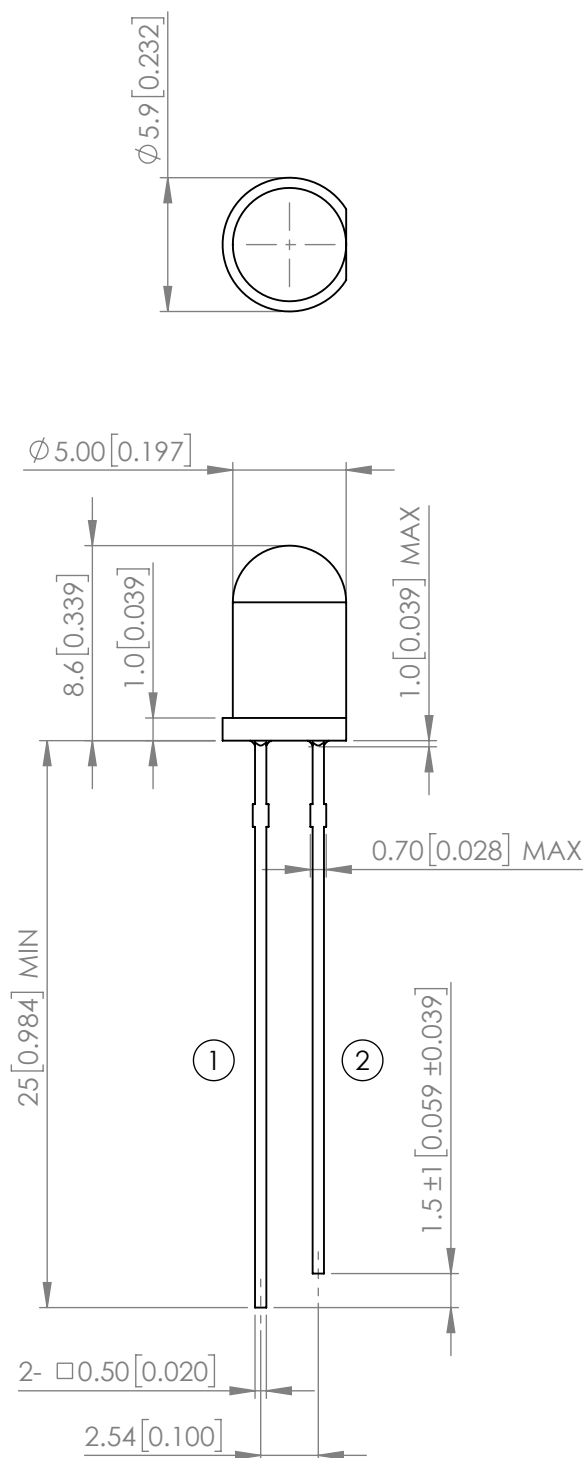
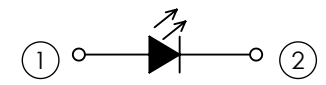


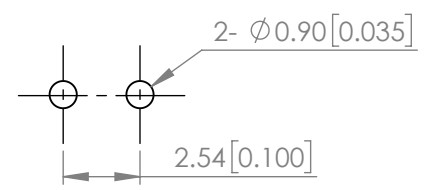
PART NUMBER	SSL-LX5093BGD	REV	D
REV	E.C.N. NUMBER AND REVISION COMMENTS		DATE
A	E.C.N. #10BRDR. & REDRAWN IN 3D.		05.29.01
B	E.C.N. #11148.		10.17.06
C	E.C.N. #10BRDR. & REDRAWN.		01.25.12
D	ECN-Lumex201800177		11.20.18



POLARITY



RECOMMENDED SOLDER PAD LAYOUT



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	565	-	nm	-
FORWARD VOLTAGE	3.5	-	14	Vf	-
BLINKING FREQUENCY	-	1.5	-	Hz	Vf=14.0 ,If=44mA
	-	3.0	-	Hz	Vf=3.5 ,If=8mA
LUMINOUS INTENSITY	-	30	-	mcd	Vf=9V
VIEWING ANGLE	-	60	-	2x theta1/2	-
EMITTED COLOR	GREEN				
EPOXY LENS FINISH	GREEN DIFFUSED				

ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
FORWARD VOLTAGE	14	V
REVERSE VOLTAGE	0.5	V
POWER DISSIPATION	310	mW
STORAGE TEMPERATURE	-40 TO +85	°C
OPERATING TEMPERATURE	-40 TO +70	°C
SOLDERING TEMPERATURE	3 SEC. MAX @ 260	°C

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= ^{+DECIMAL PRECISION}/_{-0.00} MAX= ^{+0.00}/_{-DECIMAL PRECISION}