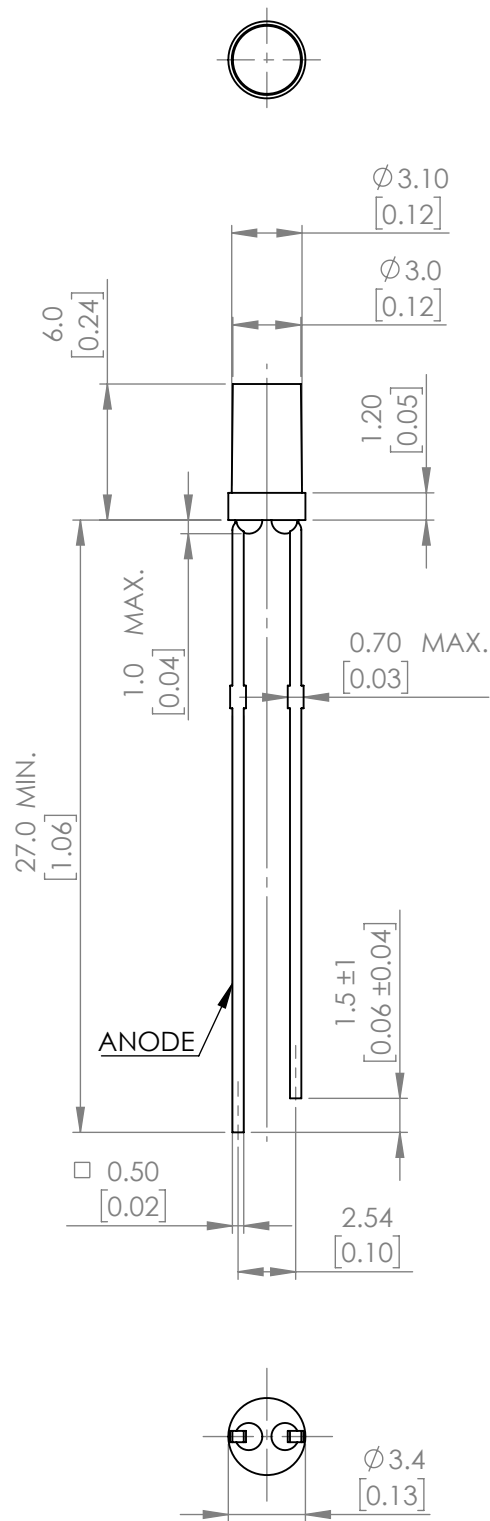
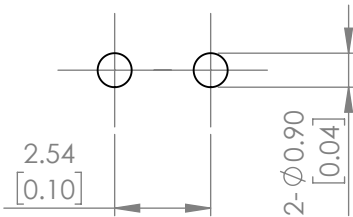


PART NUMBER		SSL-LX30FT14SUGD	REV	B
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	E.C.N. #10BRDR. & REDRAWN			07.12.12
B	ECN-Lumex201700028			06.14.17



RECOMMENDED PCB LAYOUT



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	574	-	nm	If=20mA
FORWARD VOLTAGE	-	2.1	2.5	Vf	If=20mA
REVERSE VOLTAGE	-	-	5	Vr	Ir=10uA
LUMINOUS INTENSITY	-	30	-	mcd	If=20mA
VIEWING ANGLE	-	140	-	2x theta1/2	If=20mA
EMITTED COLOR	GREEN				
EPOXY LENS FINISH	GREEN TOP DIFFUSED				

ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
FORWARD CURRENT	30	mA
POWER DISIPATION	75	mW
OPERATING TEMPERATURE	-40 TO +85	°C
STORAGE TEMPERATURE	-40 TO +85	°C
SOLDERING TEMPERATURE**	3 SEC. MAX @ 260	°C

*t<10us
**2.0mm FROM BODY

NOTE:
1. HALOGEN FREE.
2. RoHS COMPLIANT.

CUSTON: 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}