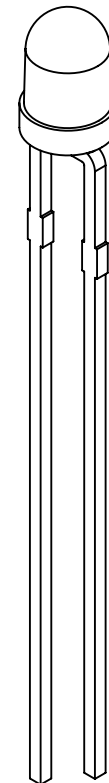
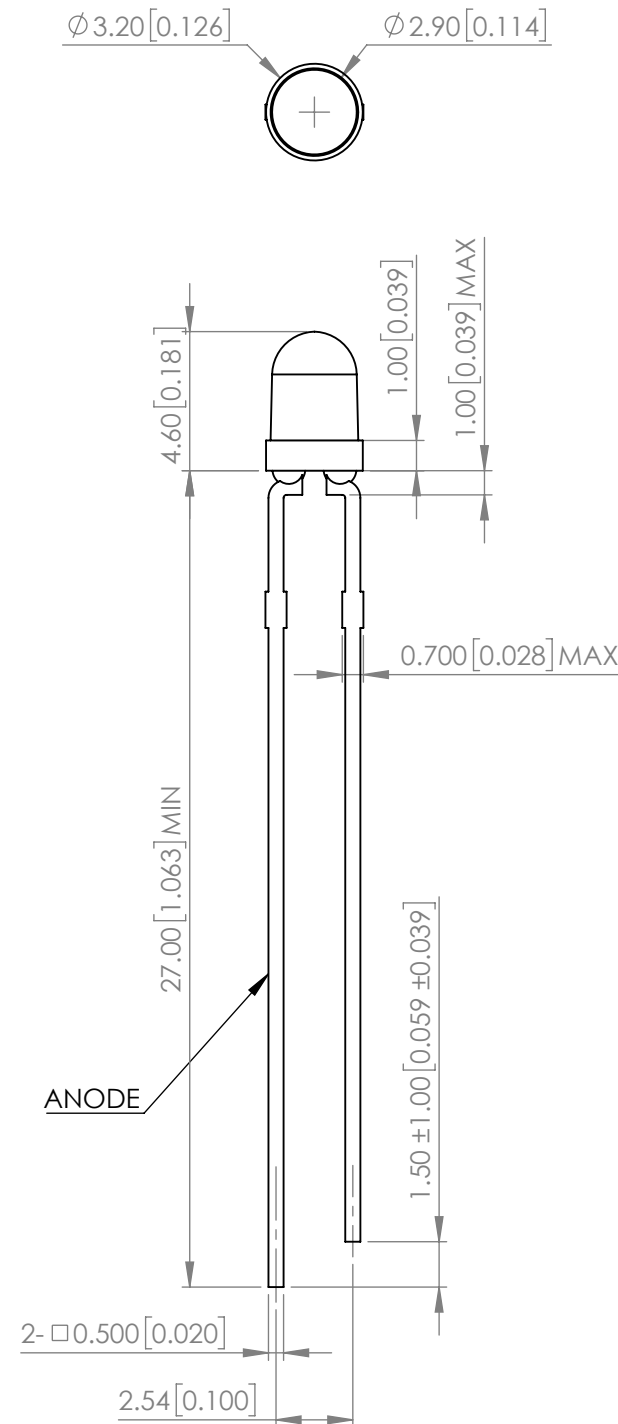


<b>PART NUMBER</b>	SSL-LX3044IT	<b>REV</b>	E
<b>REV</b>	<b>E.C.N. NUMBER AND REVISION COMMENTS</b>	<b>DATE</b>	
A	REMOVED FLAT EDGE FROM FLANGE	04.26.92	
B	UPDATE CURRENT SPECS	11.28.94	
C	E.C.N. #10BRDR. & REDRAWN	04.11.01	
D	E.C.N. #10BRDR. & REDRAWN / #11703	03.10.11	
E	ECN-Lumex202000037	05.14.20	



**ELECTRO-OPTICAL CHARACTERISTIC TA=25°C**

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	627	-	nm	If=10mA
FORWARD VOLTAGE	-	1.9	2.3	Vf	If=10mA
REVERSE CURRENT	-	-	10	uA	Vr=5V
LUMINOUS INTENSITY	-	30	-	mcd	-
VIEWING ANGLE	-	30	-	2x theta <sub>1/2</sub>	-
EMITTED COLOR	RED				
EPOXY LENS FINISH	RED TRANSPARENT				

**ABSOLUTE MAXIMUM RATINGS TA=25°C**

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	160	mA
FORWARD CURRENT	30	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION	75	mW
STORAGE TEMPERATURE	-40 TO +85	°C
OPERATING TEMPERATURE	-40 TO +85	°C
LEAD SOLDER TEMPERATURE**	3SEC MAX @260	°C

\*1/10 Duty Cycle, 0.1ms Pulse Width

\*\*2mm FROM BODY

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= <sup>+DECIMAL PRECISION</sup>/<sub>-0.00</sub> MAX= <sup>+0.00</sup>/<sub>-DECIMAL PRECISION</sub>