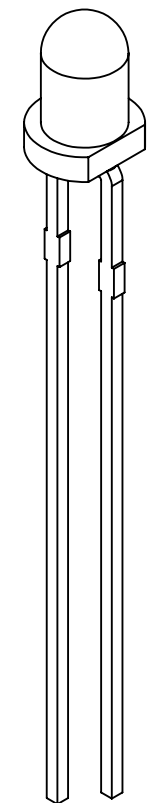
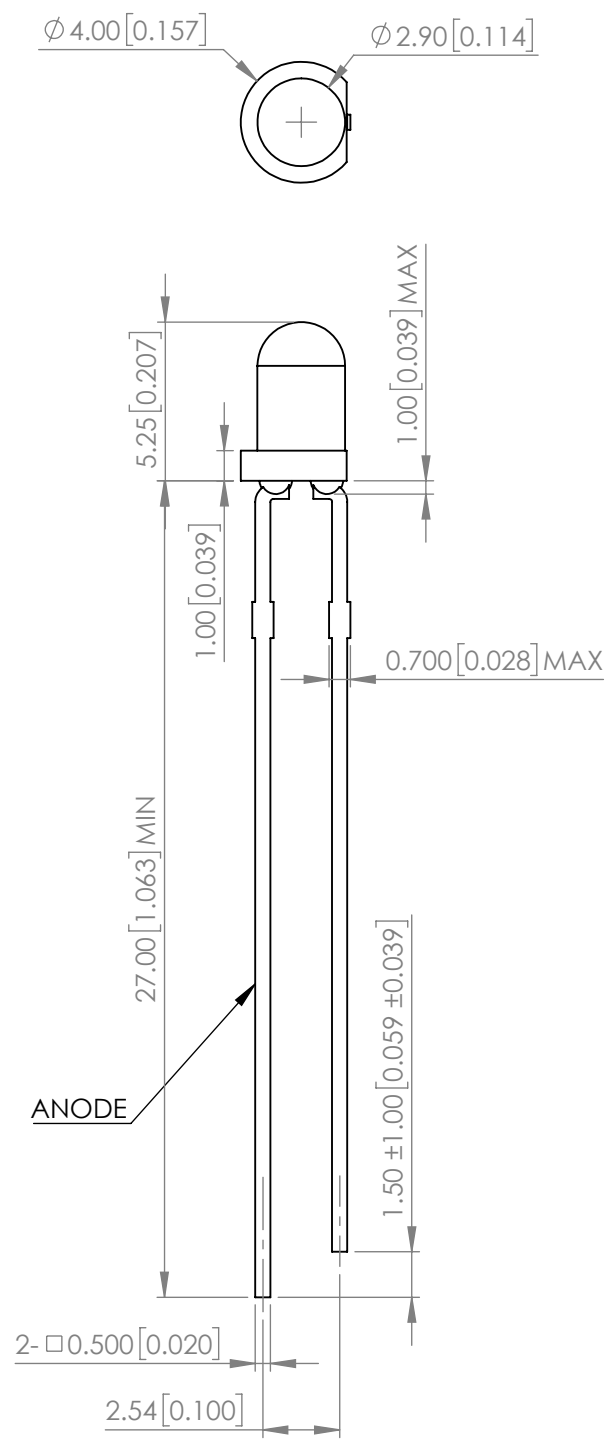


PART NUMBER		SSL-LX3054ID	REV	E
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	REDRAWN			09.01.93
B	UPDATED SPECS.			08.11.94
C	UPDATED SAFE OPER SPECS			01.20.95
D	E.C.N. #10BRDR. & REDRAWN IN 3D.			04.16.01
E	ECN-Lumex202300097			09.05.23



**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	-	15	-	mcd	If=10mA
VIEWING ANGLE	-	60	-	2x theta <sub>1/2</sub>	-
EMITTED COLOR	RED				
EPOXY LENS FINISH	RED DIFFUSED				

**ABSOLUTE MAXIMUM RATINGS TA=25°C**

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	125	mA
FORWARD CURRENT	30	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION	70	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

\*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>



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T-3mm(T-1), 627nm RED LED, RED DIFFUSED LENS.  
 \*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.\*\*  
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DATE : 2023.09.05	DRAWN BY : E.C.
PAGE : 1 OF 1	CHKD BY : T.S.
SCALE : NTF	APRVD BY : G.Y.
UNIT : mm [INCH]	Ⓟ