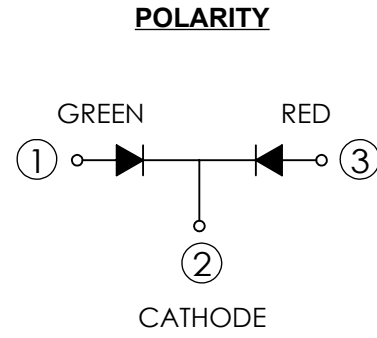
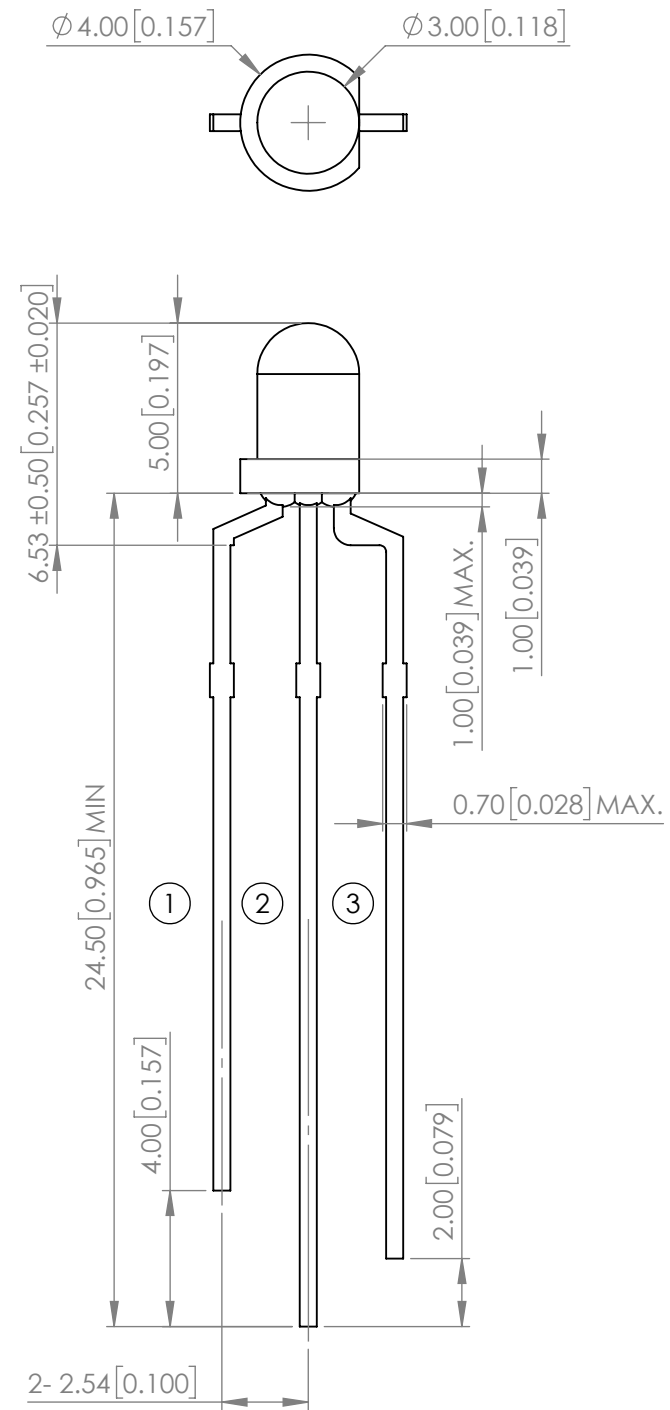


<b>PART NUMBER</b>	SSL-LX3059IGW	<b>REV</b>	D
<b>REV</b>	<b>E.C.N. NUMBER AND REVISION COMMENTS</b>	<b>DATE</b>	
A	E.C.N. #10BRDR. & REDRAWN	01.09.98	
B	E.C.N. #10700	01.09.01	
C	E.C.N. #11412	04.27.07	
D	ECN-Lumex202300091	08.08.23	



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

PARAMETER		MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	R	-	627	-	nm	If=20mA
	G	-	565	-		
FORWARD VOLTAGE	R	-	2.0	2.5	V	If=20mA
	G	-	2.2	2.5		
REVERSE CURRENT	R	-	-	10	uA	Vr=5V
	G	-	-	10		
LUMINOUS INTENSITY	R	-	16	-	mcd	If=20mA
	G	-	40	-		
VIEWING ANGLE		-	60	-	2x theta1/2	-
EMITTED COLOR	RED/GREEN					
EPOXY LENS FINISH	WHITE DIFFUSED					

**ABSOLUTE MAXIMUM RATINGS TA=25°C**

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT(R/G)*	150/140	mA
FORWARD CURRENT(R/G)	30/25	mA
REVERSE VOLTAGE(R/G)	5/5	V
POWER DISSIPATION(R/G)	75/63	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>