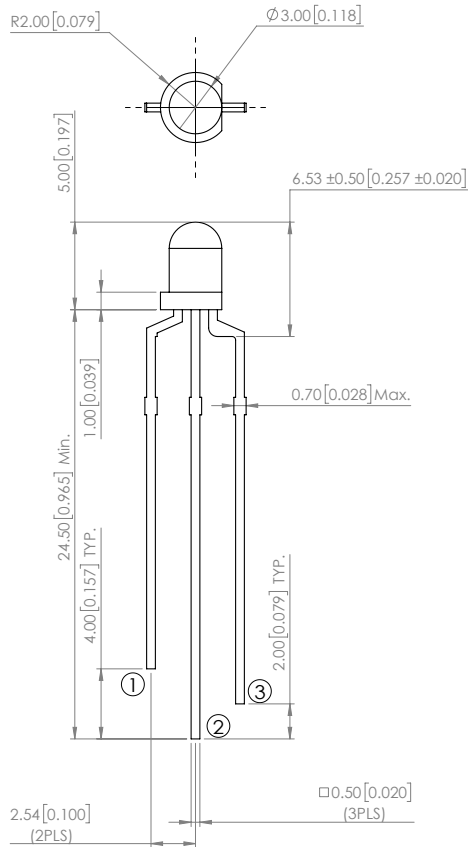
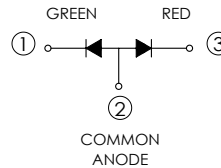
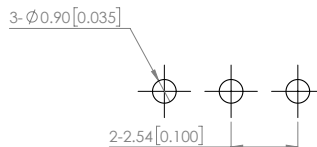




POLARITY



RECOMMENDED PCB LAYOUT



PART NUMBER		SSL-LX30591GW-CA	REV.	D
REV.	E.C.N. AND REVISION COMMENTS		DATE	
A	E.C.N. #10BRDR. & REDRAWN.		1.9.98	
B	E.C.N. #10700.		1.9.01	
C	E.C.N. #11412.		5.1.07	
D	ECN-Lumex201700089		10.17.17	

ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER		MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	RED	-	627	-	nm	If=20mA
	GREEN	-	565	-		If=20mA
FORWARD VOLTAGE	RED	-	2	2.5	V	If=20mA
	GREEN	-	2.2	2.5		If=20mA
REVERSE CURRENT	RED	-	-	10	uA	Vr=5V
	GREEN	-	-	10		Vr=5V
LUMINOUS INTENSITY	RED	1.2	3	-	mcd	If=20mA
	GREEN	3	8	-		If=20mA
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 (RED/GREEN) *	160/140	mA
FORWARD CURRENT (RED/GREEN)	30/25	mA
REVERSE VOLTAGE (RED/GREEN)	5/5	V
POWER DISSIPATION (RED/GREEN)	75/62.5	mW
STORAGE TEMPERATURE	-40 to +85	°C
OPERATING TEMPERATURE	-40 to +85	°C

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

*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= ±0.00 DECIMAL PRECISION MAX= ±0.00 DECIMAL PRECISION



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T3x5mm TRI-LEADED LED, BICOLOR RED/GREEN, COMMON ANODE, MILKY WHITE DIFFUSED LENS.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE : 2017.10.17	DRAWN BY : K.Y.
PAGE : 1 OF 1	CHKD BY : E.C.
SCALE : NTF	APRVD BY : G.Y.
UNIT : mm [INCH]	(P6)