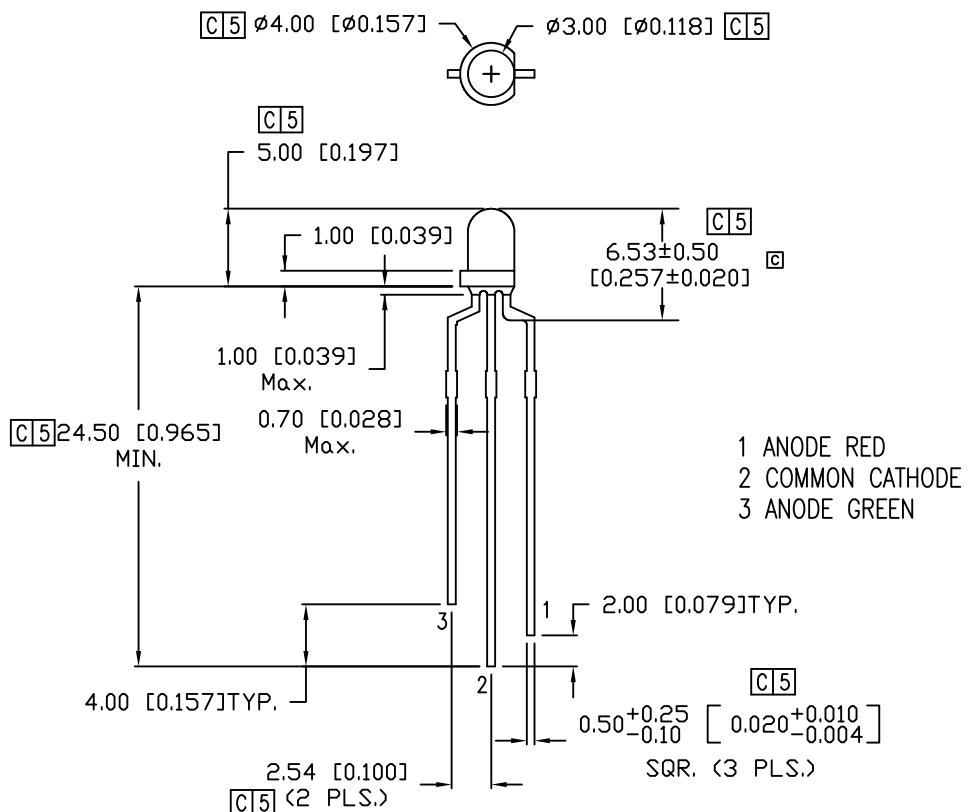


PART NUMBER		SSL-LX3059IGW			REV.	D
REV.			E.C.N. NUMBER AND REVISION COMMENTS			DATE
A			E.C.N. #10BRDR. & REDRAWN.			1.9.98
B			E.C.N. #10700.			1.9.01
C			E.C.N. #11412.			4.27.07
D			ECN-Lumex201600004			4.22.16



ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA

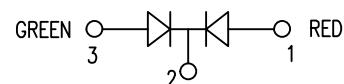
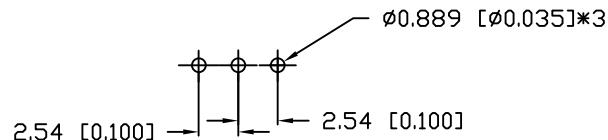
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	627 (RED)			nm	
	565 (GREEN)			nm	
[P5] FORWARD VOLTAGE (R/G)	2.0/2.2	2.5/2.5		Vf	
REVERSE VOLTAGE	5.0			Vr	I = 10µA
AXIAL INTENSITY (R/G)	15/20	40		mcd	If = 20mA
VIEWING ANGLE	60			2x theta	
[L5] EMITTED COLOR:	RED/GREEN				
[V5] EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*	(R/G)	160/140	mA
STEADY CURRENT	(R/G)	30/25	mA
POWER DISSIPATION	(R/G)	75/62.5	mW
DERATE FROM 25°C		-1.6	mW/°C
OPERATING, STORAGE TEMP.		-40 TO +85	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY			3 SEC. MAX

* t<10µS

RECOMMENDED PCB LAYOUT



*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=±0.1 (±0.004), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION MAX= -DECIMAL PRECISION



425 N. GARY AVE.
CAROL STREAM, IL 60188
PHONE: 800-278-5666
FAX: 630-315-2152
WEB: WWW.LUMEX.COM

T3x5mm TRI-LEADED LED, BICOLOR RED/GREEN,COMMON CATHODE 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:	04.22.16	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		(P)