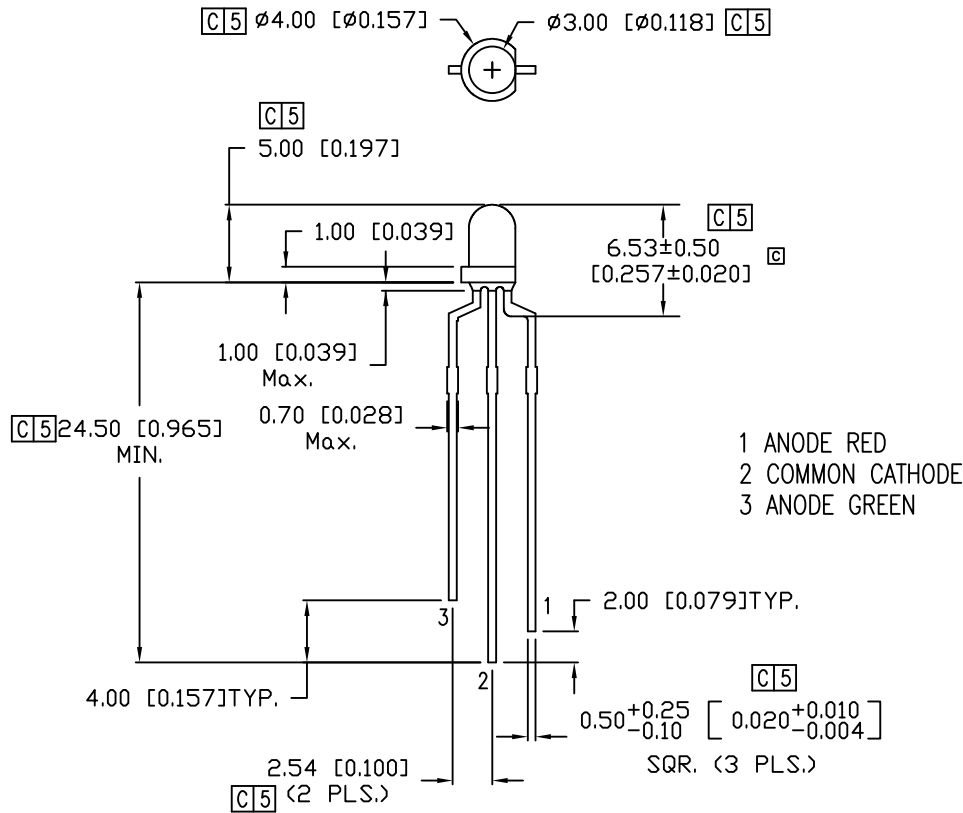


PART NUMBER		SSL-LX3059IGW		REV.	D
REV.	E.C.N.	NUMBER AND REVISION COMMENTS		DATE	
A	E.C.N. #10BRDR.	& REDRAWN.		1.9.98	
B	E.C.N. #10700.			1.9.01	
C	E.C.N. #11412.			4.27.07	
D	ECN-Lumex201600004			4.22.16	



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

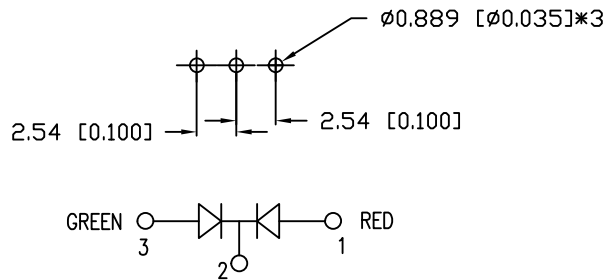
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		627 (RED)		nm	
		565 (GREEN)		nm	
[P5] FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.5	V _f	
REVERSE VOLTAGE	5.0			V _r	I _f =10μA
AXIAL INTENSITY (R/G)	15/20	40		mcd	I _f =20mA
VIEWING ANGLE		60		2x theta	
[L5] EMITTED COLOR:	RED/GREEN				
[V5] EPOXY LENS 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} -0.00 MAX= ^{+DECIMAL PRECISION} -DECIMAL PRECISION



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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]		