PART NUMBER	REV.
SSL-LX5063IGW	B

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & REDRAWN IN 3D.	4.19.01
B	E.C.N. #11148	10.31.06

Ø5.00 [Ø0.197]   Ø5.90 [Ø0.232]

+

6.00 [0.236]
1.50 [0.059]
1.00 [0.039] MAX.
27.00 [1.063]

RED ANODE   GREEN ANODE

1.60 [0.063]
0.50 [0.020] SQR. (2 PLS.)
2.54 [0.100]
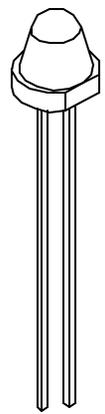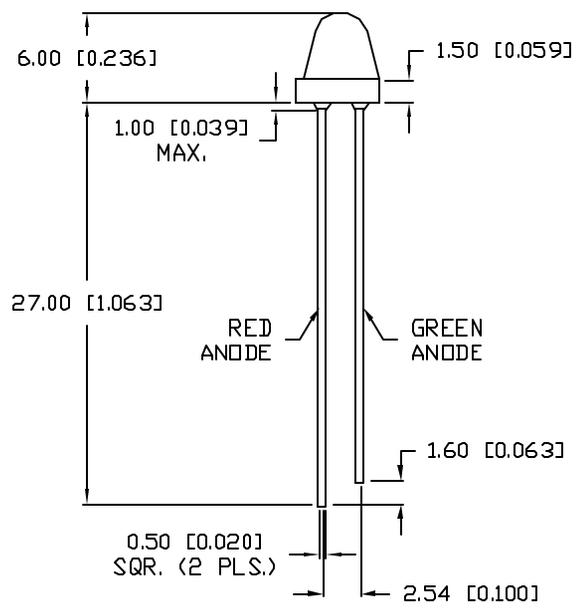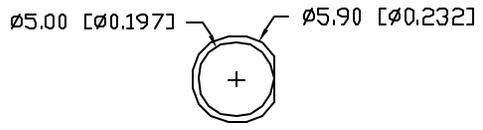
ELECTRO-OPTICAL CHARACTERISTICS T$_A$=25°C   I$_f$=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	V$_f$	
REVERSE VOLTAGE	5.0			V$_r$	I$_r$=100µA
AXIAL INTENSITY (R/G)		30/20		mcd	If=20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED/GREEN				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/G)	30	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	mW/°C
OPERATING, STORAGE TEMP.		-40 TO +85	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY			3 SEC. MAX

* t<10µS

*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= +DECIMAL PRECISION -0.00   MAX.= +0.00 -DECIMAL PRECISION

REV.	PART NUMBER
B	SSL-LX5063IGW

T-5mm (T-1 3/4) 635nm RED/565nm GREEN BICOLOR LED, MILKY WHITE DIFFUSED LENS.

DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 10.31.06
JC			PAGE: 1 OF 1
			SCALE: N/A

Mouser Electronics

Authorized Distributor

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