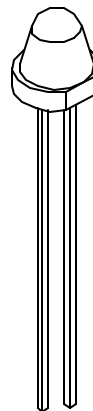
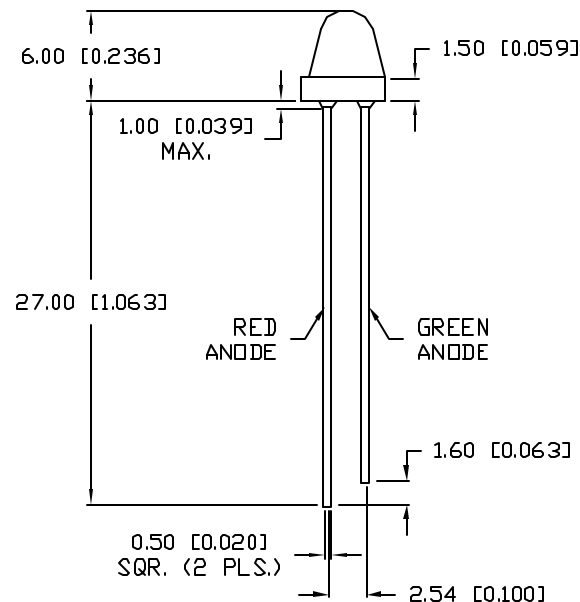
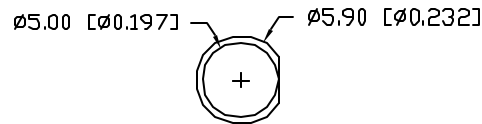


PART NUMBER
SSL-LX5063IGW

REV.
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



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$			$I_f=20\text{mA}$	
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
AXIAL INTENSITY (R/G)		30/20		med $I_f=20\text{mA}$
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

* $t < 10 \mu s$



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

REV. B	PART NUMBER SSL-LX5063IGW	CONFIDENTIAL INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES. RELIABILITY NOTE OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.	 290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com TW WEB: www.lumex.com.tw
T-5mm (T-1 3/4) 635nm RED/565nm GREEN BICOLOR LED, MILKY WHITE DIFFUSED LENS.		DRAWN BY: JC	CHECKED BY: APPROVED BY: DATE: 10.31.06 PAGE: 1 OF 1 SCALE: N/A