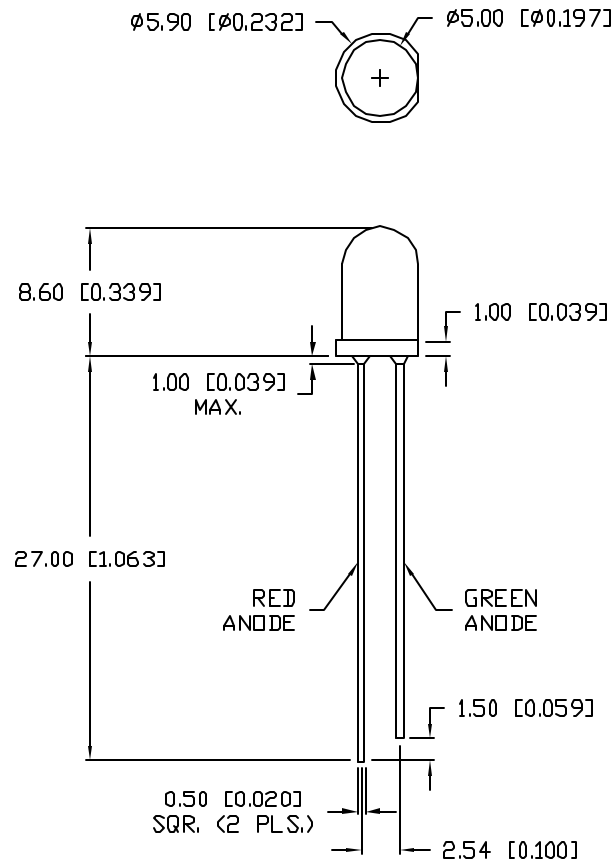




ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $V_f=5\text{ V}$				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH		635 (RED) 565 (GREEN)		nm
FORWARD VOLTAGE		5.0	7.0	V_f
REVERSE VOLTAGE	5.0			V_r
AXIAL INTENSITY		20		mcd
VIEWING ANGLE		60		2x theta
EMITTED COLOR:	RED/GREEN			
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
FORWARD VOLTAGE		7.0	V
STEADY CURRENT		12	mA
POWER DISSIPATION		315	mW
DERATE FROM 25°C		-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.		-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.		+260	$^\circ\text{C}$
2.0mm FROM BODY			3 SEC. MAX

*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, MAX=+0.00

REV.

PART NUMBER

SSL-LX5093IGW-5V

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

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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

DRAWN BY:

BC

CHECKED BY:

APPROVED BY:

DATE: 5.24.01

PAGE: 1 OF 1

SCALE: N/A