

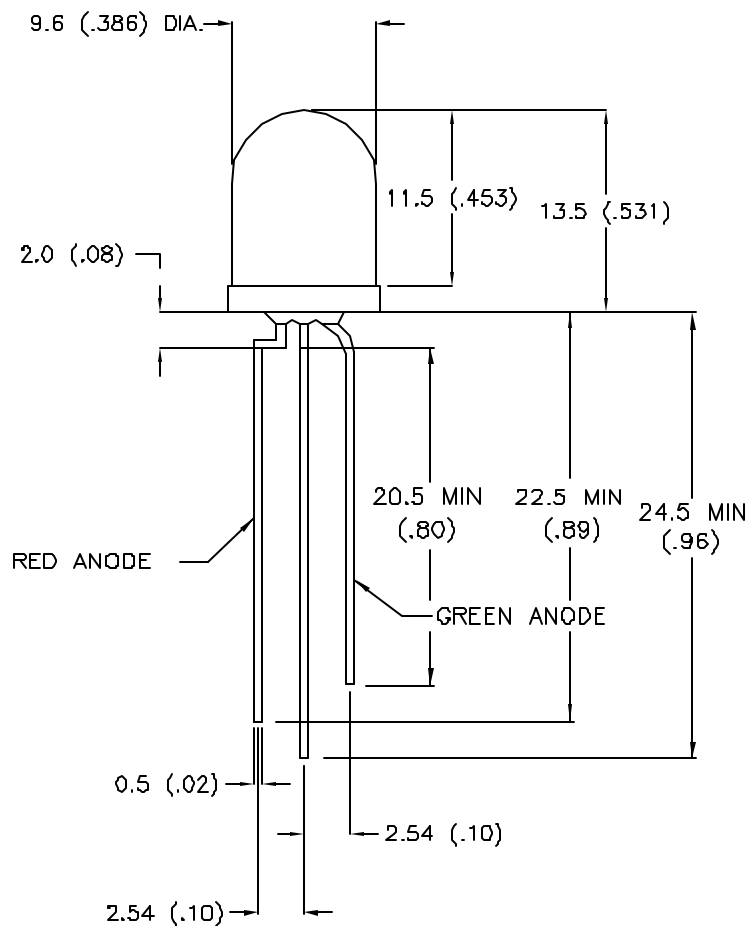
DATE

REVISIONS

REV

DRAWING NUMBER
SSL-LX100139IGW

REV

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE		2.1	2.8	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100uA
AXIAL INTENSITY		20		mcd	I _f =20mA
VIEWING ANGLE		80		2x theta	
EMITTED COLOR:		RED/GREEN			
EPOXY LENS FINISH:		MILKY WHITE DIFFUSED			

LIMITS OF SAFE OPERATION AT 25 DEG. C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT* (R/G)	155	mA
STEADY CURRENT (R/G)	30	mA
POWER DISSIPATION (R/G)	100	mW
DERATE FROM 25 °C	-1.3	mW/ °C
OPERATING, STORAGE TEMP.	-55 TO +100	°C
LEAD SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* t<10uS

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.

LUMEX
OPTO COMPONENTS INC.

292 E. HELLEN ROAD
PALATINE, ILLINOIS 60067
(708) 359-2790

DATE: 8-3-94

APPROVED BY:

DRAWN BY:

SCALE: N/A

T-3 1/8 (T-10) LED, BI-COLOR RED/GREEN
MILKY WHITE DIFFUSED.

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LX1001AM