

DATE

REVISIONS

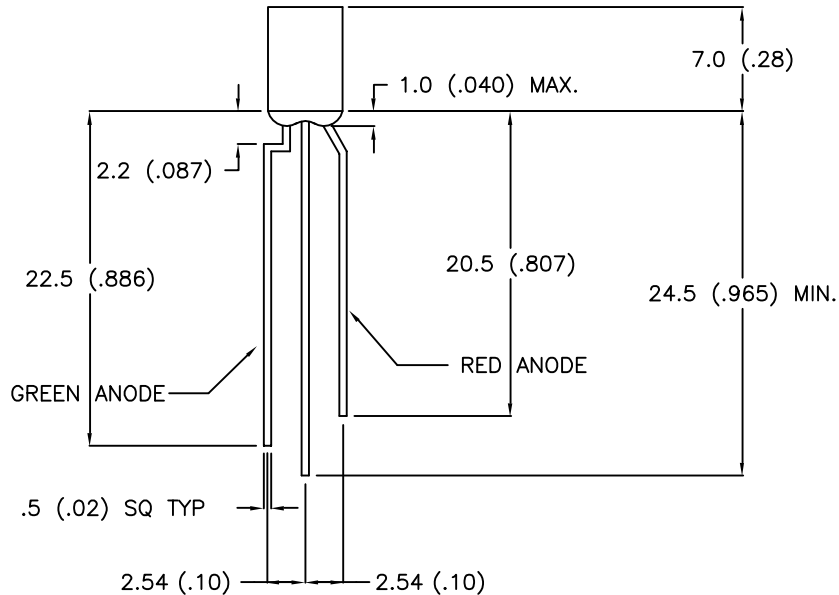
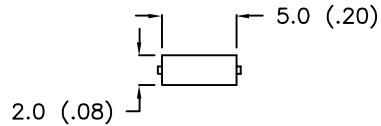
REV

DRAWING NUMBER
SSL-LX2579GIW

REV

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN) 635 (RED)		nm	
FORWARD VOLTAGE (G/R)		2.1	2.8	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r = 100\mu\text{A}$
AXIAL INTENSITY (G/R)		8/14		mcd	$I_f = 20\text{mA}$
VIEWING ANGLE		110		2x theta	
EMITTED COLOR		GREEN/RED			
EPOXY LENS FINISH		MILKY WHITE DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C

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

* $t < 10\mu\text{s}$ **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.

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

CONFIDENTIAL INFORMATION

THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX OPTO/COMPONENTS, INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX OPTO/COMPONENTS, 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.

DATE: 10-24-95	DWN:	CHK'D:	APPD:
SCALE: N/A			

2 x 5mm RECTANGULAR LED, BICOLOR
GREEN/RED

PAGE 1 OF 1

DRAWING NUMBER
SSL-LX2579GIW

REV