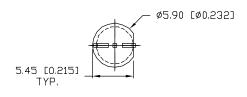
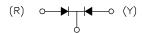
			_
DATE	REVISIONS	REV	_
4-5-95	CHG'D SPECS.	Α	1
9-7-95	CORRECTED DIMS. WHERE NOTED.	В	
3-18-98	E.C.N. #10BRDR. & REDRAWN./	С	

ø5.00 [0.197] <del> </del>	-
	8,60 [0.339]
₿ ↓	1.00 [0.039]
2.40 [0.094] 22.50 [0.886] MIN. RED ANDDE	20.50 [0.807] MIN. YELLOW ANDDE 24.50 [0.965] MIN.
2.54 [0.100] -	- 0.50 [0.020] (3 PLS.) - 2.54 [0.100]





COMMON CATHODE

UNLESS OTHERWISE SPECIFIED TOLERANCE IS ±.25mm (±0.010")

DRAWING NUMBER
SSL-LX50991YW

REV

(C)

ELECTRO-OPTICAL CHARACTERISTICS  $T_A = 25$ °C  $I_f = 20$ mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	5	635 (RED) 85 (YELLOW	<b>v</b> )	nm nm	
	5.0 D/YELL(	2.0/2.1 55/40 60	2.5	V <sub>f</sub> V <sub>r</sub> mcd 2x theta	I <sub>r</sub> = 100 µA I <sub>f</sub> = 20 mA

## (A) LIMITS OF SAFE OPERATION AT 25°C

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

<sup>\*</sup> t<10µS

DU

RELIABILITY NOTE

DUR 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. HELLEN ROAD PALATINE, ILLINOIS 60067 (847) 359–2790

CONFIDENTIAL INFORMATION
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INCORPORATED.
EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INCORPORATED, 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: 3-14-94 DWN: CHK'D: APPD:

SCALE: N/A

T-5mm (T-1 3/4) LED, RED/YELLOW BICOLOR, MILKY WHITE DIFFUSED LENS, COMMON CATHODE.

DRAWING NUMBER REV
PAGE 1 OF 1 SSL-LX50991YW C