DATE	REVISIONS	REV	
3-10-98	E.C.N. #10BRDR. & #10421. & REDRAWN./	Α	

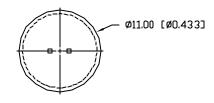
DRAWING NUMBER	REV
SSL-LX100133YC	Α

13.50 [0.532] 2.00 [0.079] 25.40 [1.000] MIN.

0.50 [0.020] SQR.

(2 PLS)

2.54 [0.100] -- | |--



1.60 [0.063] _

MIN.

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

Ø10.00 [0.394] @

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH FORWARD VOLTAGE REVERSE VOLTAGE AXIAL INTENSITY VIEWING ANGLE EMITTED COLOR: EPOXY LENS FINISH:	5.0 YELLOW WATER		2.5	nm Vf Vr mcd 2x theta	I _r =100μΑ I _f =20mA

LIMITS OF SAFE OPERATION AT 25°C

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

^{*} t<10µS

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. HELLEN ROAD PALATINE, ILLINOIS 60067 (847) 359-2790 0

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DATE: 5-24-93 DWN: CHK'D: APPD:

T-3 1/8mm (T-10) LED, YELLOW, WATER CLEAR LENS.

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