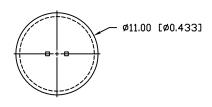
DATE	REVISIONS	REV
8-5-93	REDRAWN.	Α
9-9-94	REVISED INTENSITY SPECIFICATIONS.	В
8-31-95	UPDATED SAFE OPER. SPEC., ADDED TYP TO /E INTEN.	С
3-10-98	E.C.N. #10BRDR. & #10421. & REDRAWN./	D

	-	ø10.00	[0.394] ①
13.50 [0.532]			
<u> </u>			[0.039] MAX.
2.00 [0.079]		1	
AN□DE —		25,4	40 [1.000] MIN.
0.50 [0.020] SQI (2 PLS.)	R 1.	60 [0.063] MIN.	ı _
2.54 [0.10	03 —		



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

DRAWING NUMBER REV SSL-LX100133SRC(/B-/E) D

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

	PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
®	PEAK WAVELENGTH FORWARD VOLTAGE REVERSE VOLTAGE AXIAL INTENSITY/B /C /D © /E VIEWING ANGLE EMITTED COLOR: EPOXY LENS FINISH:	4.0 500 1000 1600 2000 RED WATER	660 (RED) 1.7 1000 1600 2000 2500 30	2.2	nm Vf Vr mcd mcd mcd zx theta	Ir=100µA If=20mA If=20mA If=20mA If=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 *C 3 SEC. 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 ①

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DATE: 10-15-91 DWN: CHK'D: APPD:

SCALE: N/A

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

PAGE 1 OF 1 SSL-LX100133SRC(/B-/E) D