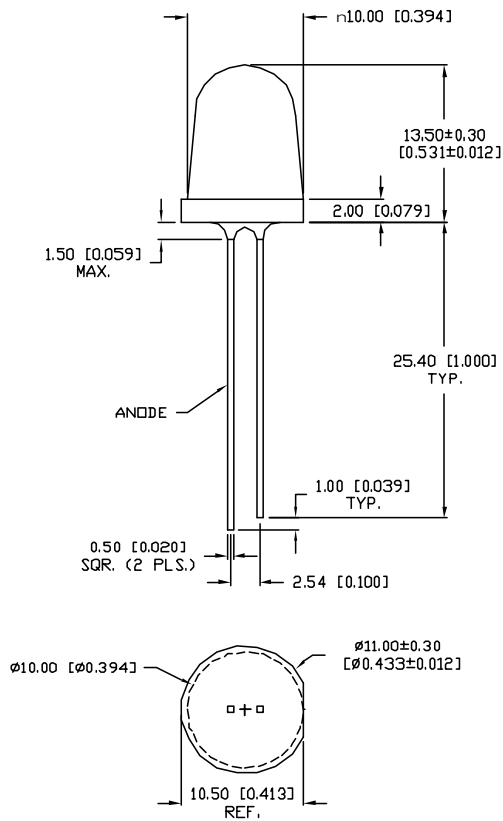


DATE	REVISIONS	REV

DRAWING NUMBER	REV
SSL-LX100133XOC	

REPLACES PART# SSL-LX100133XRC/4



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		620 (ORANGE)		nm	
FORWARD VOLTAGE		2.1	2.8	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100μA
AXIAL INTENSITY	2500	4500		mcd	I _f =20mA
VIEWING ANGLE		8		2x theta	
EMITTED COLOR:	ORANGE				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	160	mA
STEADY CURRENT	50	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* t < 10μs, *f = 1KHz

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

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DATE: 7-9-98	DWN:	CHK'D:	APPD:
SCALE: N/A			

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

PAGE 1 OF 1	DRAWING NUMBER SSL-LX100133XOC	REV
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UNLESS OTHERWISE SPECIFIED TOLERANCE IS ±.25mm (±0.010")

duj/bc