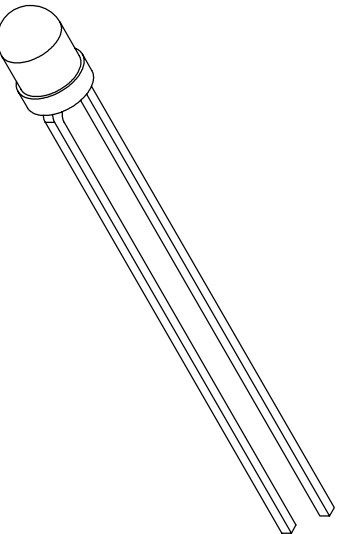




PART NUMBER		SSL-LX30441T		REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS				REV.
04.26.92	REMOVED FLAT EDGE FROM FLANGE.				A
11.28.94	UPDATED CURRENT SPECS.				B
04.11.01	E.C.N. #10BRDR. & REDRAWN.				C
03.10.11	E.C.N. #10BRDR. & REDRAWN/#11703.				D



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

PARAMETER	MIN	TPC	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.5	Vf	I <sub>f</sub> =100mA
REVERSE VOLTAGE	5.0			Vr	I <sub>f</sub> =10mA
AXIAL INTENSITY	20	60		mod	
VIEWING ANGLE		34		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED TRANSPARENT				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	160	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	75	mW
DERATE FROM 25°C	-1.6	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC. MAX.

\* I<sub>c</sub> < 10μS

X=±1 (+0.039), X-X=±0.5 (+0.020), X-XX=±0.127 (+0.009), LEAD SIZE=±0.05 (+0.002), LEAD LENGTH=±0.75 (+0.030), MIN.= -0.00 DECEMAL PRECISION MAX.= +0.00 DECEMAL PRECISION

0.1009

HELEN ROAD  
E. IL 60067-6976  
+1.847.359.2790  
1.847.359.6538  
WWW.LUXEIX.COM

T-3mm (T-1) 635nm RED LED, RED TRANSPARENT LENS.

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT\*\*

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DATE:	04.04.11	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	BC
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		

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