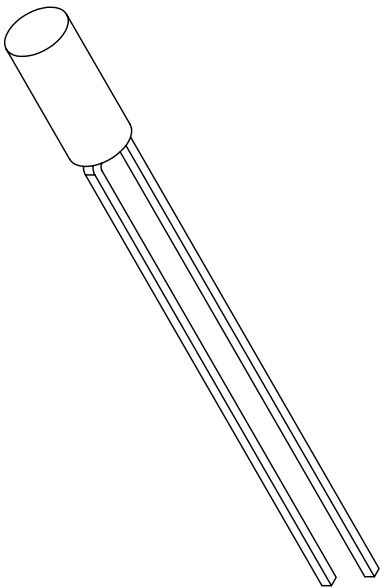


PART NUMBER	SSL-LX30FT41D-TD		REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.	
10.02.00	E.C.N. #10666.		A	
05.10.12	E.C.N. #10BRDR. & REDRAWN.		B	

ELECTRO-OPTICAL CHARACTERISTICS $I_a=25\text{mA}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.5	Vf	$I_f=100\mu\text{A}$
REVERSE VOLTAGE	5.0			Vr	
AXIAL INTENSITY		15		med	$I_f=20\text{mA}$
VIEWING ANGLE		100		2x theta	
EMITTED COLOR:	RED				
LENS FINISH:	RED DIFFUSED				



LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	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.

* t<10µs

X=±1 (+0.039), X.X=±0.5 (+0.020), X.XX=±0.25 (+0.010), X.XXX=±0.127 (+0.009), LEAD SIZE=±0.05 (+0.002), LEAD LENGTH=±0.75 (+0.030), MIN.= -0.00, DECIMAL PRECISION MAX.= +0.00, DECIMAL PRECISION

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T-3mm (T-1) 635nm RED, FLANGELESS FLAT TOP LED, RED TOP DIFFUSED LENS.

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

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UNIT:	mm [INCH]		

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