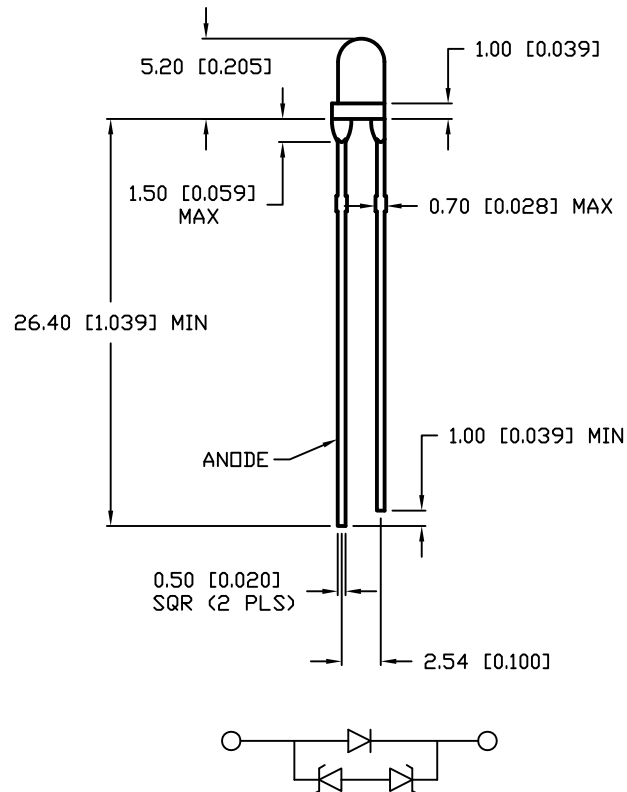


UNCONTROLLED DOCUMENT

PART NUMBER		REV.
SSL-LX3054UWC/H		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11951.	5.21.15

$\varnothing 3.80 \pm 0.30$ [$\varnothing 0.150 \pm 0.012$] $\varnothing 3.00$ [$\varnothing 0.118$]

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

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH			-		nm	
[A] FORWARD VOLTAGE	V_f	2.8		3.6	V	$I_f = 20\text{mA}$
REVERSE VOLTAGE	V_r	5			V	$I_r = 10\mu\text{A}$
[A] AXIAL INTENSITY(*1)	I_v	4500		14250	mcd	$I_f = 20\text{mA}$
CHROMATICITY	X		0.29			
COORDINATES(*2)	Y		0.28			$I_f = 10\text{mA}$
VIEWING ANGLE			30		2x theta	
EMITTED COLOR:	WHITE					
EPOXY LENS FINISH:	WATER CLEAR					

*1. AXIAL INTENSITY TESTING CONDITION: 550nm WAVELENGTH.

*2. THE ICI STANDARD COLORIMETRIC SYSTEM.

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	SYMBOL	MAX	UNITS
PULSE FORWARD CURRENT	I_p	100*	mA
STEADY CURRENT	I_f	30	mA
POWER DISSIPATION	P_D	110	mW
[A] OPERATING TEMP.	T_{OPR}	-40 TO +85	$^\circ\text{C}$
STORAGE TEMP.	T_{STG}	-40 TO +100	$^\circ\text{C}$
SOLDERING TEMP.		+260	$^\circ\text{C}$
2.0mm FROM BODY			3 SEC. MAX

*DUTY 1/10 PULSE WIDTH 10ms

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.



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*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X= ± 1 (± 0.039), X.X= ± 0.5 (± 0.020), X.XX= ± 0.25 (± 0.010), X.XXX= ± 0.127 (± 0.005). LEAD SIZE= ± 0.05 (± 0.002), LEAD LENGTH= ± 0.75 (± 0.030). MIN= +DECIMAL PRECISION MAX= +0.00 -DECIMAL PRECISION

REV. A PART NUMBER
SSL-LX3054UWC/H

T-3mm (T-1) ULTRA WHITE LED,
WATER CLEAR LENS.

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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.

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JN			PAGE: 1 OF 1
			SCALE: N/A