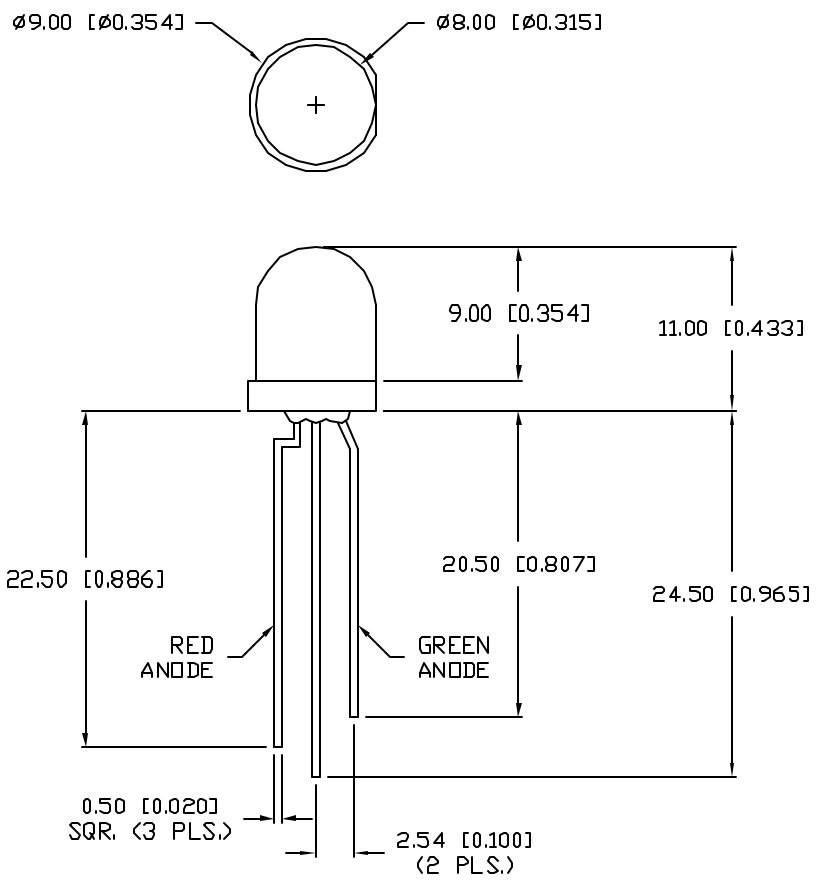


UNCONTROLLED DOCUMENT

PART NUMBER		REV.
SSL-LX80119SISUGW		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148.	11.13.06



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636 (RED)		nm	
		570 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.4/2.2	2.6/2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY (R/G)		500/300		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		50		$2x$ theta	
EMITTED COLOR:	RED/GREEN				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*	(R/G)	150/200	mA
STEADY CURRENT	(R/G)	40/25	mA
POWER DISSIPATION	(R/G)	150/105	mW
DERATE FROM 25°C		-1.3	mW/ $^{\circ}\text{C}$
OPERATING, STORAGE TEMP.		-55 TO +100	$^{\circ}\text{C}$
SOLDERING TEMP.		+260	$^{\circ}\text{C}$
2.0mm FROM BODY			3 SEC. MAX

* $t < 10\mu\text{s}$

*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= ^{+0.00} -0.00 DECIMAL PRECISION MAX= ^{+0.00} -0.00 DECIMAL PRECISION

UNCONTROLLED DOCUMENT

REV.	PART NUMBER
A	SSL-LX80119SISUGW
T-8mm LED, BI COLOR RED/GREE, MILKYWHITE DIFFUSED.	

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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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DATE: 11.13.06
PAGE: 1 OF 1
SCALE: N/A