

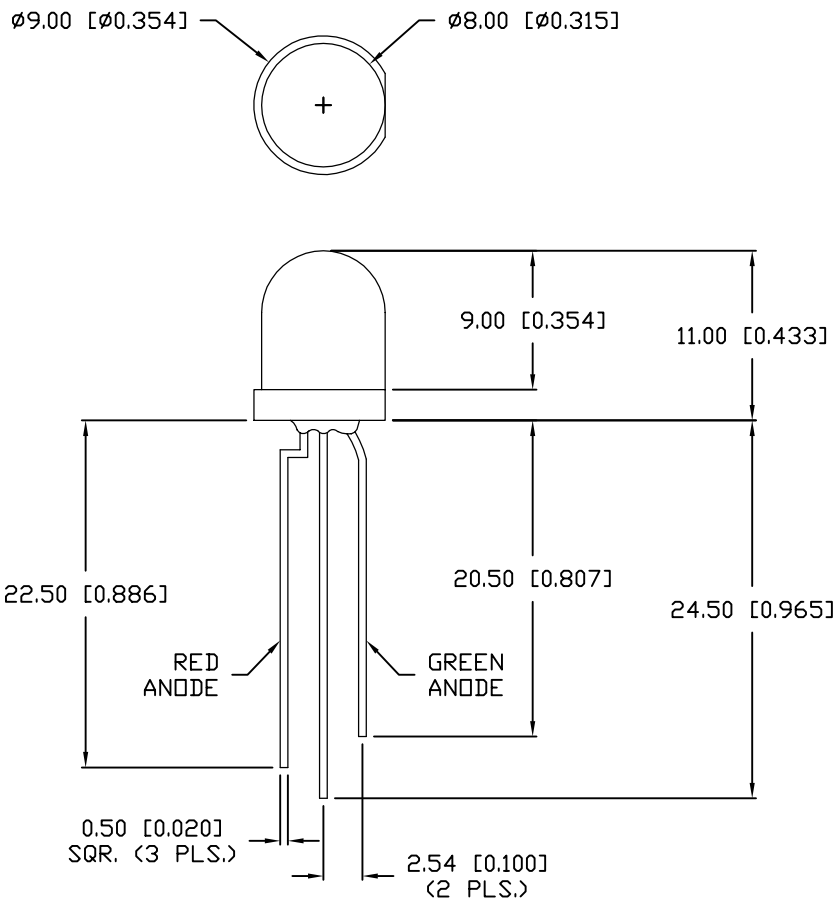
UNCONTROLLED DOCUMENT

REV.

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DATE _____

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 =100μA
AXIAL INTENSITY (R/G)		500/300		mcd	I _f =20mA
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/°C
OPERATING, STORAGE TEMP.		- 55 TO + 100	°C
SOLDERING TEMP.		+ 260	°C
2.0mm FROM BODY			3 SEC. MAX

* $t < 10\mu S$



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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}_{-0.00} MAX.=^{+0.00}_{-DECIMAL PRECISION}

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SSL-LX80119S|SUGW

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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