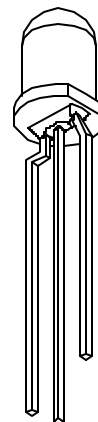
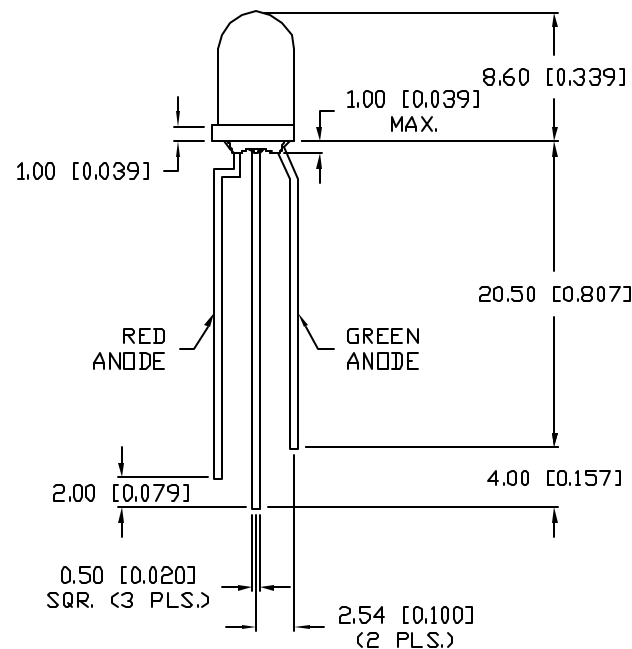
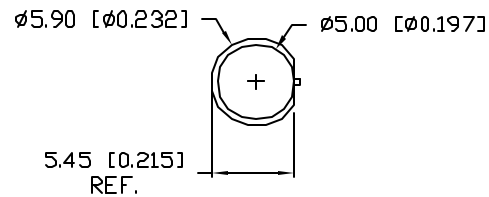


UNCONTROLLED DOCUMENT

PART NUMBER
SSL-LX5099SRSUGW5VREV.
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148	11.08.06



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $V_f=5\text{V}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (RED)		nm	
		574 (GREEN)		nm	
FORWARD VOLTAGE		5.0	7.0	V_f	
REVERSE VOLTAGE	4.0/5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY (R/Y)		100		mcd	$V_f=5\text{V}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED/YELLOW				
EPOXY LENS FINISH:	WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP			
PARAMETER	COLORS	MAX	UNITS
FORWARD VOLTAGE		7	V
STEADY CURRENT		12	mA
POWER DISSIPATION		310	mW
DERATE FROM 25°C		-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.		-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.		+260	$^\circ\text{C}$
2.0mm FROM BODY			3 SEC. MAX



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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

REV.
APART NUMBER
SSL-LX5099SRSUGW5V

T-5mm (T-1 3/4) LED, SUPER RED/
SUPER ULTRA GREEN BICOLOR,
MILKY WHITE DIFFUSED LENS, 5V OPERATION.

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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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DRAWN BY: JC	CHECKED BY:	APPROVED BY:	DATE: 11.08.06
			PAGE: 1 OF 1
			SCALE: N/A