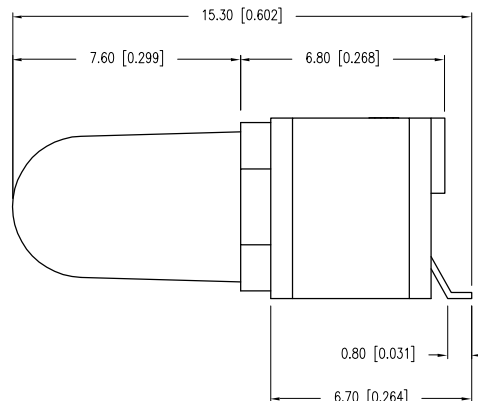
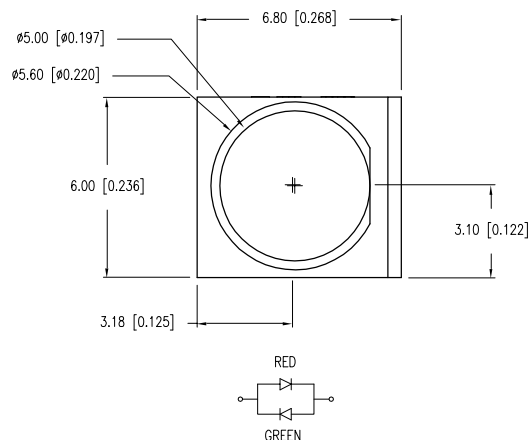
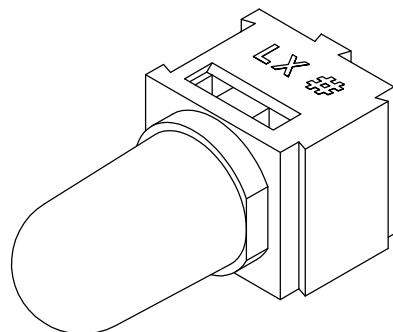
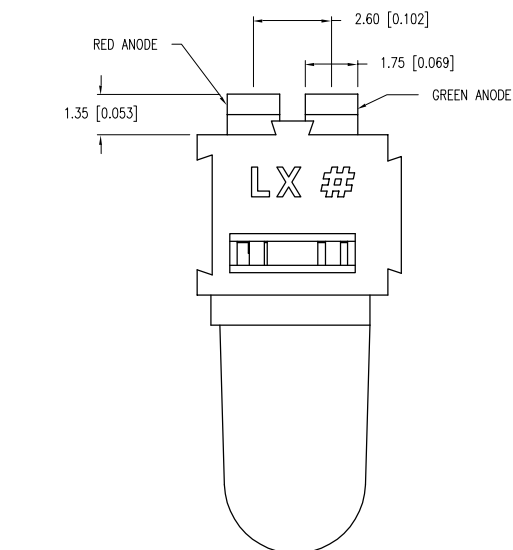
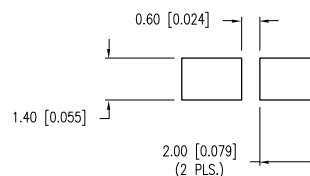




RECOMMENDED SOLDER PAD LAYOUT



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$						
PARAMETER	COLOR	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH			635		nm	
			565		nm	
FORWARD VOLTAGE	(R/G)		2.0/2.2	2.5/2.6	V_f	
REVERSE VOLTAGE		5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY	(R/G)		30/20		mcd	$I_f=20\text{mA}$
VIEWING ANGLE			60		$2\times \theta$	
EMITTED COLOR:	RED/GREEN					
EPOXY LENS FINISH:	WHITE DIFFUSED					

LIMITS OF SAFE OPERATION AT 25°C

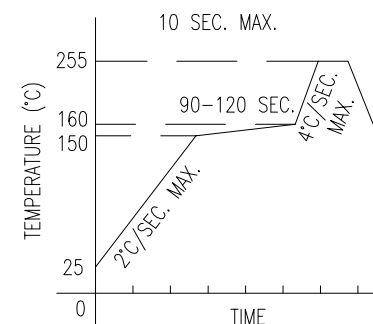
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (R/G)	30/25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY	3	SEC. MAX

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

NOTES:

- SSL-LX5093IGW RED/GREEN LED, TRIM LEADS TO 5.35mm MAX.
- SMS-LXU1530, SURFACE MOUNT SOCKET.

LEAD FREE REFLOW PROFILE

TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.

*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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SURFACE MOUNT SOCKET FAULT INDICATOR, T-5mm (T-1 3/4) BLUE/GREEN BICOLOR LED, WHITE DIFFUSED LENS

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

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UNCONTROLLED DOCUMENT

DATE: 05.12.10 DRAWN BY: JH

PAGE: 1 OF 1 CHKD BY: KF

SCALE: N/A APRVD BY: SS

UNIT: mm [INCH] (R)