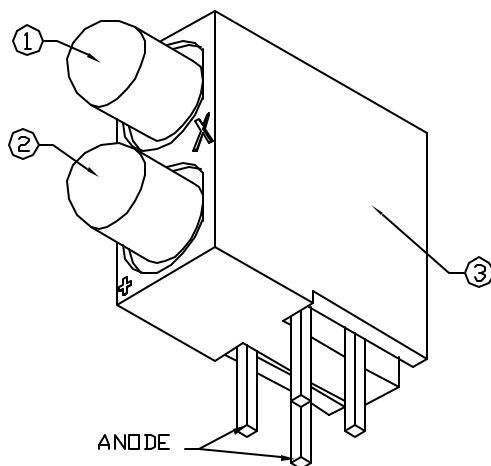
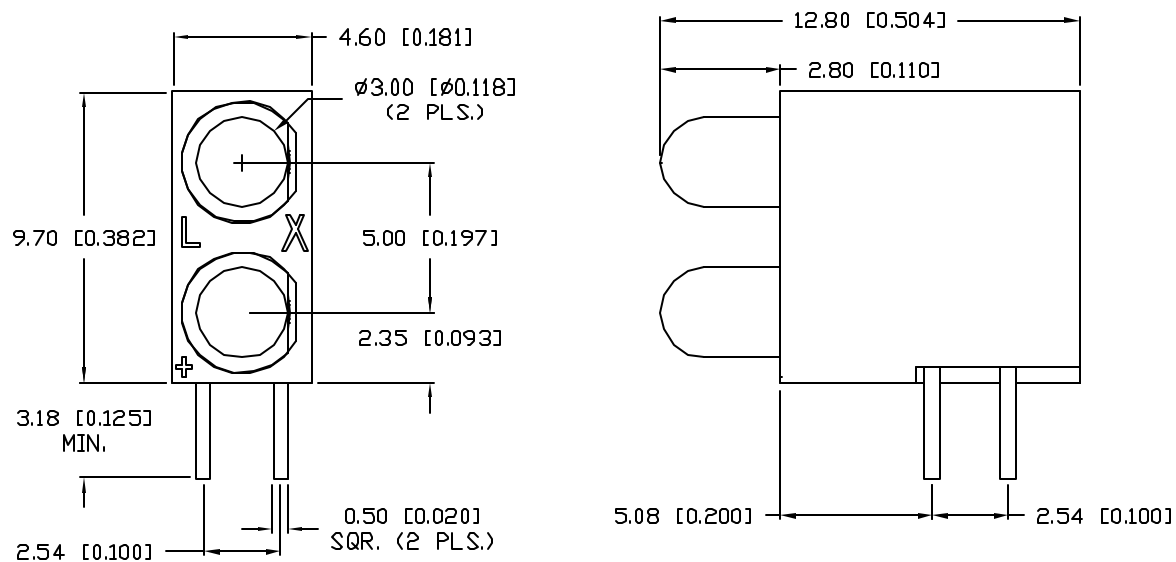




ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590 (YELLOW)		nm	
		574 (GREEN)		nm	
FORWARD VOLTAGE (Y/G)		2.1/2.2	2.5/2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY (Y/G)		60		mcd	$I_f=20\text{mA}$
	2.0	5.0		mcd	$I_f=2\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	YELLOW/GREEN				
EPOXY LENS FINISH:	DIFFUSED SAME AS EMITTED COLOR				

LIMITS OF SAFE OPERATION AT 25°C			
PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*	(Y/G)	150	mA
STEADY CURRENT	(Y/G)	25/30	mA
POWER DISSIPATION	(Y/G)	105	mW
DERATE FROM 25°C		-1.6	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-LX3034LSYD
- SSL-LX3034LSUGD
- SSH-LXH2103 HOLDER.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±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.

PART NUMBER

SSF-LXH2103LSYSUG3

T-3mm (T-1) LED, PIGGY-BACK HOLDER,
POS.1: YELLOW DIFFUSED LED,
POS.2: GREEN DIFFUSED LED.

CONFIDENTIAL INFORMATION

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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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SCALE: N/A

JD