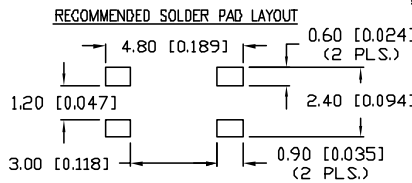
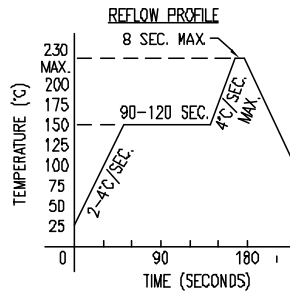
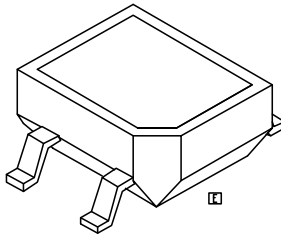
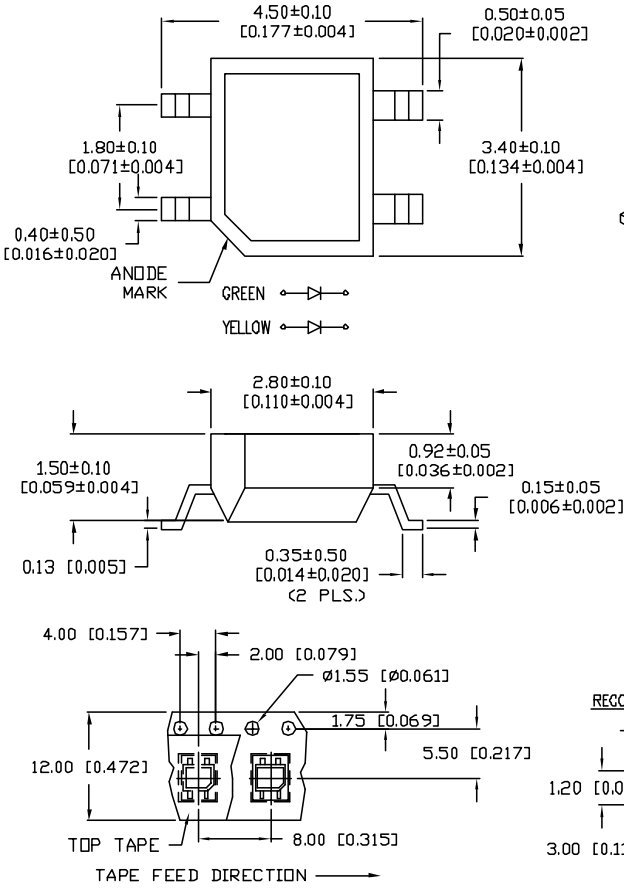


UNCONTROLLED DOCUMENT



PART NUMBER		REV.
SSL-LXA3025YGC-TR		F
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10129.	4.15.96
B	E.C.N. #10218.	7.24.96
C	E.C.N. #10BRDR. & REDRAWN.	11.10.98
D	E.C.N. #10543.	8.11.99
E	E.C.N. #10695. & REDRAWN IN 3D.	1.12.01
F	E.C.N. #11148	11.16.06

ELECTRO-OPTICAL CHARACTERISTICS T _A =25°C I _f =20mA				
PARAMETER	MIN	TYP	MAX	UNITS TEST COND
PEAK WAVELENGTH	585 (YELLOW)			nm
	565 (GREEN)			nm
FORWARD VOLTAGE (V _f /g)	2.1/2.2		2.5/2.6	V _f
REVERSE VOLTAGE	5.0			V _r I _r =100µA
AXIAL INTENSITY	12			mcd I _f =20mA
VIEWING ANGLE	130			2x theta
EMITTED COLOR:	YELLOW/GREEN			
EPOXY LENS FINISH:	WATER CLEAR			

LIMITS OF SAFE OPERATION AT 25°C			
PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		160	mA
STEADY CURRENT	(Y/G)	30/25	mA
POWER DISSIPATION		100	mW
DERATE FROM 25°C		-1.2	mW/°C
OPERATING, STORAGE TEMP.		-40 TO +85	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY			3 SEC. MAX

* I_t<10µs

NOTES:

- SUPPLIED ON 12mm TAPE AND REEL, 1,000 PIECES PER REEL.
- THE CATHODE IS ORIENTED TOWARDS THE SPROCKET HOLE.

CAUTION: MOISTURE SENSITIVE DEVICE

- SHELF LIFE IN SEALED BAG: 12 MONTHS AT <40°C AND <80% RELATIVE HUMIDITY (RH).
- AFTER THIS BAG IS OPENED, DEVICES HAVE TO BE MOUNTED WITHIN 48 HOURS OR STORED AT <30% RH.

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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=±0.00 DECIMAL PRECISION MAX.=±0.00 DECIMAL PRECISION

REV.	PART NUMBER
F	SSL-LXA3025YGC-TR
3.0 x 2.5mm AXIAL SMT LED, YELLOW/GREEN, WATER CLEAR LENS, TAPE AND REEL.	

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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JC			11.16.06
			PAGE: 1 OF 1
			SCALE: N/A