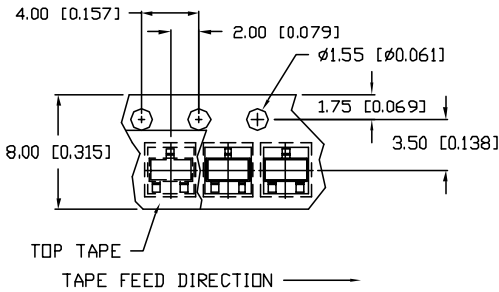
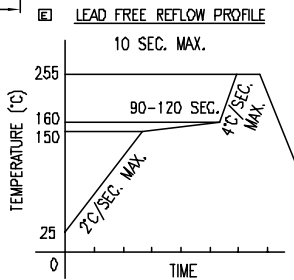
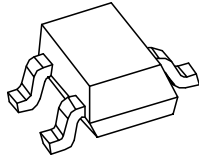
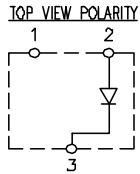
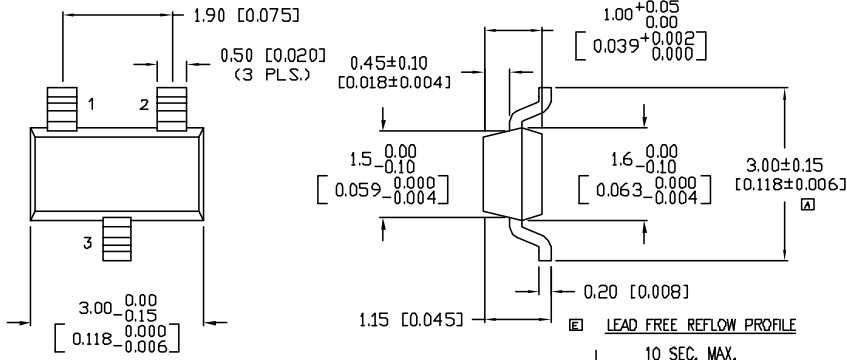


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*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (0.002), LEAD LENGTH=±0.75 (±0.030). MIN= -0.00 DECIMAL PRECISION MAX.= +0.00 DECIMAL PRECISION

PART NUMBER		REV.
SSL-LX15AC-TR		E
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & #10412.	4.28.98
B	E.C.N. #10752.	5.25.01
C	E.C.N. #10877.	6.10.02
D	E.C.N. #10901.	8.22.02
E	E.C.N. #11148.	2.16.05

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		610		nm	
FORWARD VOLTAGE		2.0	2.5	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100µA
AXIAL INTENSITY		10		med	I _f =20mA
VIEWING ANGLE		140		2x theta	

EMITTED COLOR: AMBER
EPOXY LENS FINISH: WATER CLEAR

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	160	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-30 TO +85	°C

* I_c < 10µs

- NOTES:
- ⓐ 1. 3,000 PIECES PER REEL.
 - ⓑ 2. PIN 3 IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.
 - ⓒ 3. LABEL MUST BE PERMANENTLY ATTACHED TO EACH REEL.



UNCONTROLLED DOCUMENT

REV.	PART NUMBER
E	SSL-LX15AC-TR
SOT-23 SURFACE MOUNT 610nm AMBER LED, WATER CLEAR LENS, TAPE AND REEL.	

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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.

290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
US WEB: www.lumex.com
TW WEB: www.lumex.com.tw

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BC			5.29.96
			PAGE: 1 OF 1
			SCALE: N/A