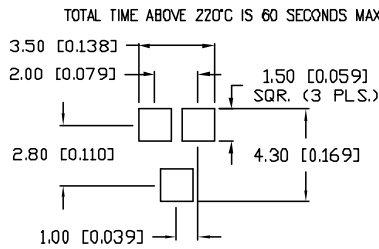
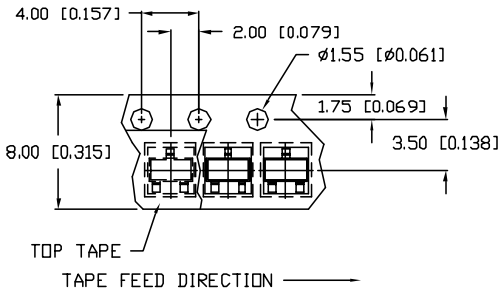
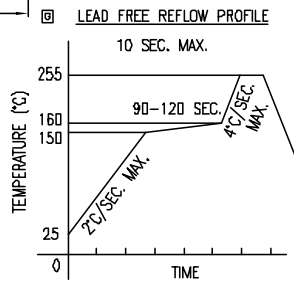
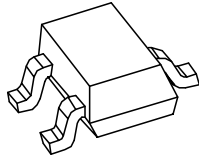
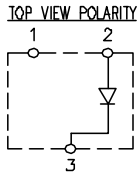
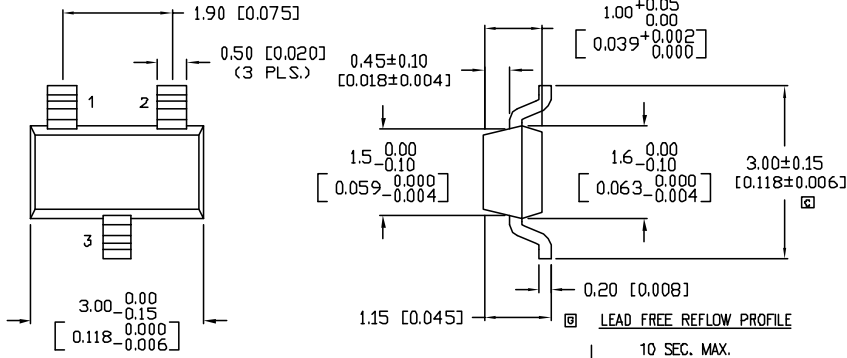


UNCONTROLLED DOCUMENT

PART NUMBER
SSL-LX15GC-TR

REV.
G



REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	CHANGED TITLE AND NOTES.	2.27.95
B	E.C.N. #10165.	5.20.96
C	E.C.N. #10BRDR. & #10412.	4.28.98
D	E.C.N. #10752.	5.25.01
E	E.C.N. #10877.	6.10.02
F	E.C.N. #10901.	8.22.02
G	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		565		nm	
FORWARD VOLTAGE		2.1	2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY		10		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		140		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

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

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

NOTES:

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



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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. G	PART NUMBER SSL-LX15GC-TR
SOT-23 SURFACE MOUNT 565nm GREEN 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.



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			PAGE: 1 OF 1
			SCALE: N/A