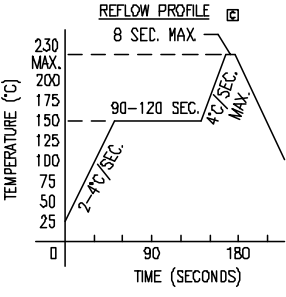
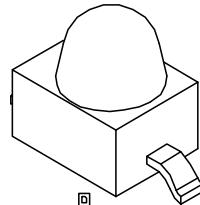
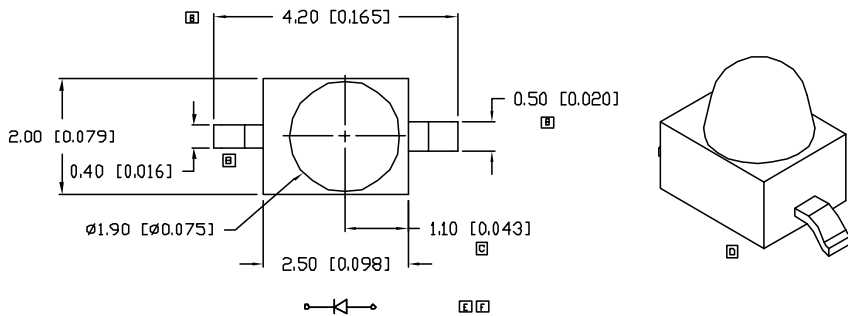
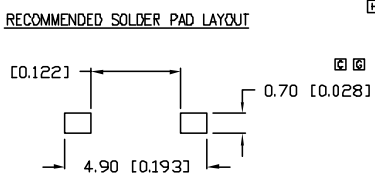
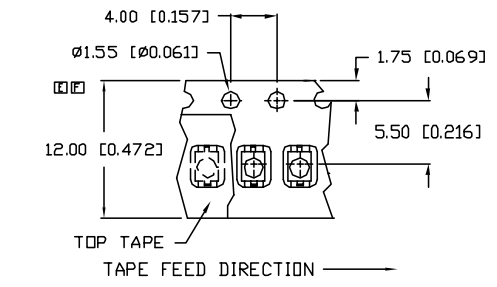
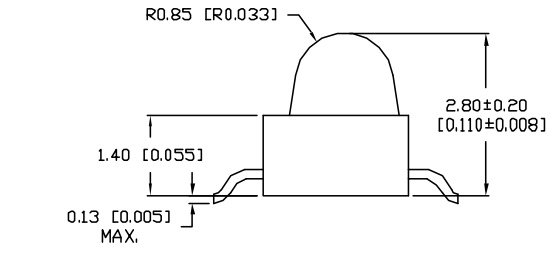


UNCONTROLLED DOCUMENT



PART NUMBER		REV.
SSL-LXA228SRC-TR11		I
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	CHG'D LENS LOCATION TO FIT SR STYLE.	10.12.95
B	ADDED LEAD WIDTHS, UPDATED LEAD O.A.L.	11.7.95
C	E.C.N. #10550. & #10BRDR	10.21.99
D	E.C.N. #10695.	1.1.01
E	E.C.N. #10744.	5.31.01
F	E.C.N. #10784.	9.7.01
G	E.C.N. #11146.	7.8.04
H	E.C.N. #11170.	9.23.04
I	E.C.N. #11148.	11.15.06



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.7	2.2	V <sub>f</sub>	
REVERSE VOLTAGE	5.0			V <sub>r</sub>	I <sub>f</sub> =100μA
AXIAL INTENSITY		600		mcad	I <sub>f</sub> =20mA
VIEWING ANGLE		25		2x theta	
EMITTED COLOR:	RED				
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	60	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C

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

- NOTES:
- 1,000 PIECES PER REEL.
  - THE CATHODE IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.



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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
I	SSL-LXA228SRC-TR11

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AXIAL LED, GULL WING LEADS,  
660nm SUPER RED, WATER CLEAR LENS, TAPE AND REEL.

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.

DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 11.15.06
JC			PAGE: 1 OF 1
			SCALE: N/A