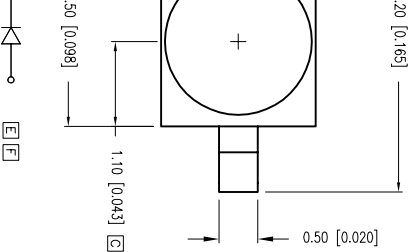
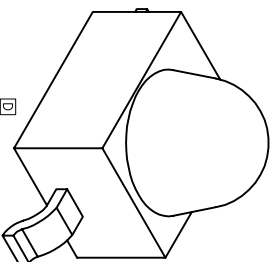




**THE DATASHEET OF
SSL-LXA228SRC-TR11**



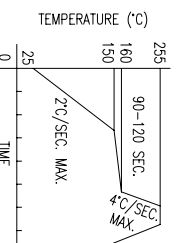
PART NUMBER	SL-LXA228SRC-TR11	REV.	J
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	
10.12.95	CHG'D LENS LOCATION TO FIT SR STYLE.	A	
11.07.95	ADDED LEAD WIDTHS, UPDATED LEAD O.A.L.	B	
10.21.99	E.C.N. #10550.
BRDR	C	
01.01.01	E.C.N. #10695.	D	
05.31.01	E.C.N. #10744.	E	
09.07.01	E.C.N. #10784.	F	
07.08.04	E.C.N. #11146.	G	
09.23.04	E.C.N. #11170.	H	
11.15.06	E.C.N. #11148.	I	
10.14.10	E.C.N. #11668.	J	



[E] ELECTRO-OPTICAL CHARACTERISTICS $I_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.7	2.2	V_f	$I_f=100\mu\text{A}$
REVERSE VOLTAGE	5.0			V_r	
AXIAL INTENSITY	75	100		md	$I_f=20\text{mA}$
VIEWING ANGLE		25		2θ theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	WATER CLEAR LENS				

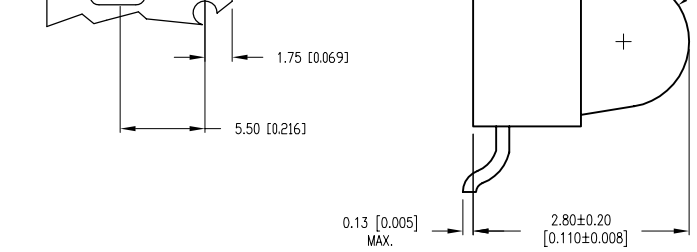
[C] LEAD FREE REFLOW PROFILE
10 SEC. MAX.



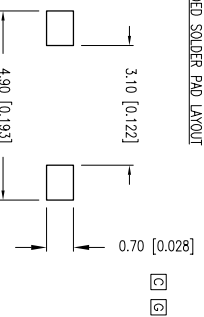
TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.

- [H]** LIMITS OF SAFE OPERATION AT 25°C
- NOTES:
- 1, 1,000 PIECES PER REEL.
 2. THE CATHODE IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.

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
* I<100US		



[G] RECOMMENDED SOLDER PAD LAYOUT



HELEN ROAD
E. IL 60067-6976
: +1,847,359,2790
1,847,359,6538
WWW.LUMEX.COM

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

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT

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DATE:	11.15.06	DRAWN BY:	JC
PAGE:	1 OF 1	CHKD BY:	JD
SCALE:	N/A	APRVD BY:	JD
UNIT:	mm [INCH]		

UNCONTROLLED DOCUMENT

Looking for pricing, stock, or lifecycle information?

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- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management