



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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DATE	REVISIONS	REV
8-9-93	CHG'D LEAD LENGTHS/	A
8-27-93	CHG'D LEAD LENGTHS/	B
8-19-94	CHG'D HOLDER BOTTOM & SAFE OP. SPECS./	C
11-29-94	UPDATED SPECS./	D
2-8-95	CHG'D. HOLDER BOTTOM./	E
10-9-95	REF ECN 10100./	F
2-6-96	REF ECN 10104./	G

DRAWING NUMBER
SSF-LXH240LIID

REV
G

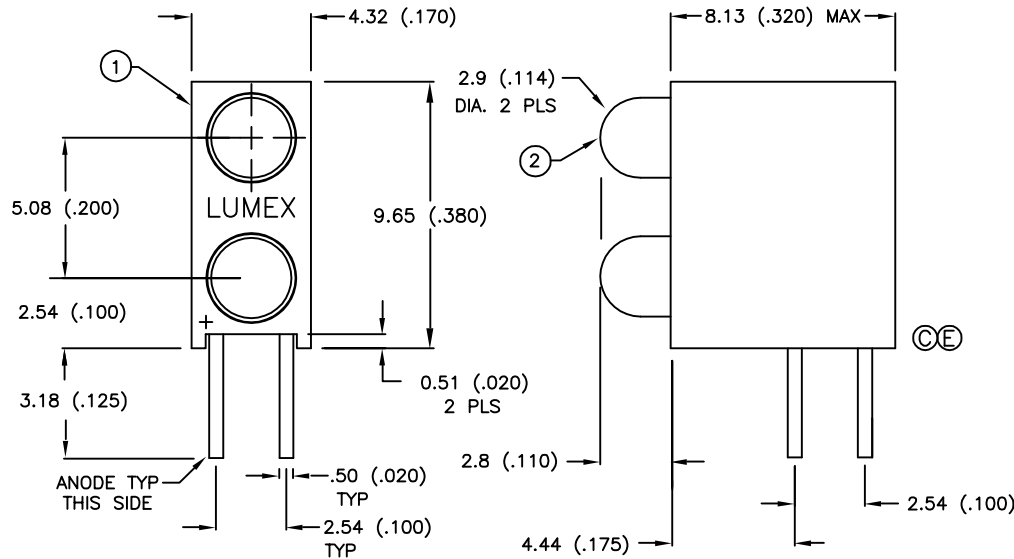
ELECTRO-OPTICAL CHARACTERISTICS TA=25 °C I_f=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
FORWARD VOLTAGE		2.0	2.8	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100uA
AXIAL INTENSITY		15		mcd	I _f =20mA
		1.0		mcd	I _f =2mA
VIEWING ANGLE		80		2x theta	
EMITTED COLOR:		RED			
EPOXY LENS FINISH:		RED DIFFUSED			

LIMITS OF SAFE OPERATION AT 25 DEG. C

PARAMETER	MAX	UNITS
Ⓓ PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
Ⓓ POWER DISSIPATION	105	mW
DERATE FROM 25 °C	-1.6	mW/°C
Ⓒ OPERATING, STORAGE TEMP.	-40 TO +85	°C
Ⓒ LEAD SOLDERING TEMP.	+260	°C
Ⓒ 2.0mm FROM BODY		3 SEC. MAX

* t<10μs



BILL OF MATERIALS:

- SSH-LXH240 HOLDER. MATERIAL: BLACK NYLON 94V-0.
- SSL-LX3044LID LED (2 PIECES).

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.

LUMEX
OPTO COMPONENTS INC.

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CONFIDENTIAL INFORMATION
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DATE: 1-12-93	DWN:	CHK'D:	APPD:
SCALE: N/A			

T-3mm LED, RIGHT ANGLE FAULT INDICATOR,
RED DIFFUSED, SPECIAL LOW CURRENT SELECTION

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