



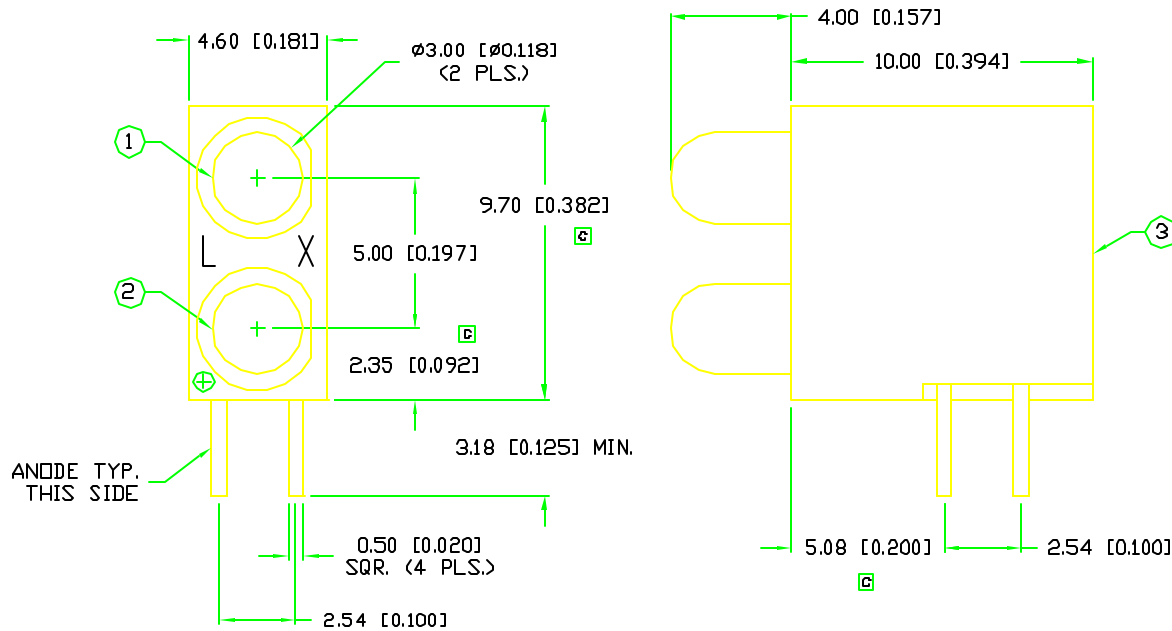
**THE DATASHEET OF
SSF-LXH2103LIGD/4**



PART NUMBER
SSF-LXH2103LIGD/4

REV.
C

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	CHG'D LEAD LENGTH.	10-6-93
B	CHG'D TO SSH-LXH2103 HOLDER.	2-24-94
C	E.C.N. #10449. & #10BRDR. & REDRAWN.	8-11-98



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED) 565 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	V _f	
REVERSE VOLTAGE	5.0			V _r	$I_f=100\mu\text{A}$
AXIAL INTENSITY		25		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	POS. 1: RED, POS. 2: GREEN				
EPOXY LENS FINISH:	DIFFUSED, SAME AS EMITTED COLOR				

LIMITS OF SAFE OPERATION AT 25°C

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

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

NOTES:

1. SSL-LX3054UD, LOW CURRENT RED LED.
2. SSL-LX3054LGD, LOW CURRENT GREEN LED.
3. SSH-LXH2103 HOLDER.

*UNLESS OTHERWISE SPECIFIED TOLERANCE IS $\pm 0.25\text{mm}$ ($\pm 0.010''$)

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T-3mm (T-1) LED, PIGGY-BACK HOLDER,
POS.1: RED DIFFUSED LED, POS.2: GREEN DIFFUSED LED,
LOW CURRENT SELECTION.

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: MS/DU	CHECKED BY:	APPROVED BY:	DATE: 8-24-98
			PAGE: 1 OF 1
			SCALE: N/A

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- ⊖ [Lumex Opto/Components Inc. Information](#)

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