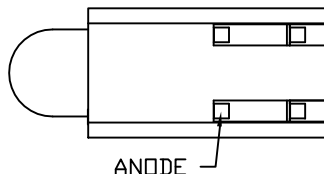
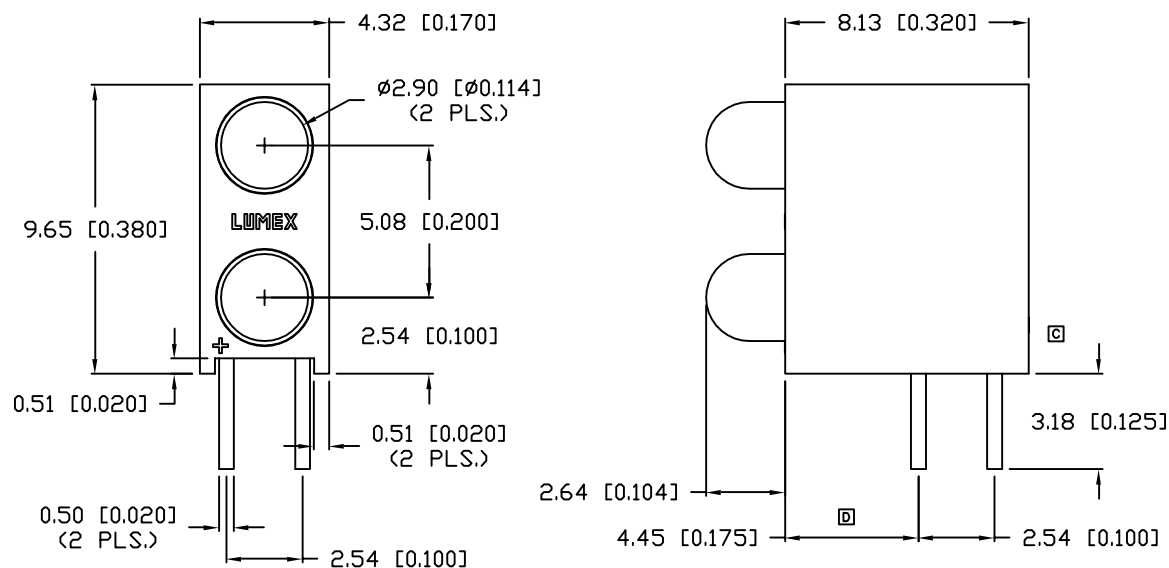


UNCONTROLLED DOCUMENT

PART NUMBER
SSF-LXH240YYD

REV.

G

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	CHG'D LEAD LENGTHS.	8.27.93
B	CHG'D HOLDER BOTTOM & SAFE OP. SPECS.	8.16.94
C	UPDATED SPECS.	11.16.94
D	CHG'D HOLDER BOTTOM.	2.3.95
E	E.C.N. #10100.	10.5.95
F	E.C.N. #10104.	2.12.96
G	E.C.N. #10BRDR. & REDRAWN.	3.5.01

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
		585		nm	
FORWARD VOLTAGE		2.1	2.8	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		15		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		80		2x theta	
EMITTED COLOR:	YELLOW/YELLOW				
EPOXY LENS FINISH:	YELLOW DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
① PEAK FORWARD CURRENT*		150	mA
② STEADY CURRENT		30	mA
③ POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.6	$\text{mW}/^\circ\text{C}$
④ OPERATING, STORAGE TEMP.		-40 TO +85	$^\circ\text{C}$
⑤ SOLDERING TEMP.		+260	$^\circ\text{C}$
⑥ 2.0mm FROM BODY			3 SEC. MAX

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

NOTES:

- SSH-LXH240 HOLDER, MATERIAL: BLACK NYLON 94V-0.
- SSL-LX3044YD LED (2 PCS.).

*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.=+DECIMAL PRECISION MAX.=+0.00 -DECIMAL PRECISION

REV.

G

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SSF-LXH240YYD

T-3mm RIGHT ANGLE FAULT INDICATOR LED,
DUAL 585nm YELLOW LEDS, YELLOW DIFFUSED.

CONFIDENTIAL INFORMATION

THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

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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DATE: 1.12.93

PAGE: 1 OF 1

SCALE: N/A