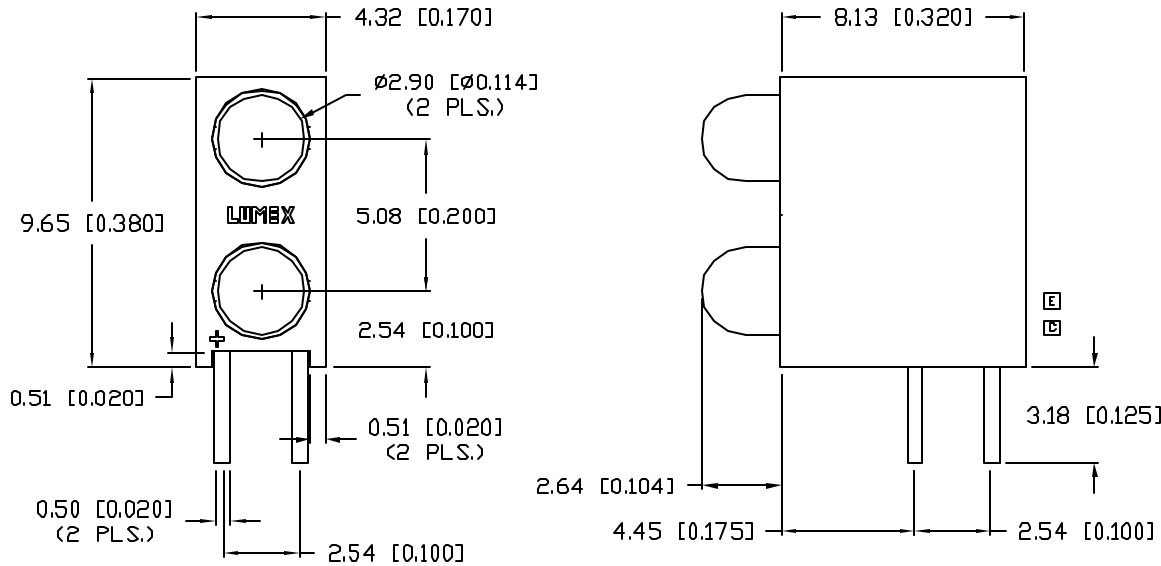


UNCONTROLLED DOCUMENT

UNDER REVISION



SC:0.25	PART NUMBER	REV.
	SSF-LXH240IID	H

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	CHG'D LEAD LENGTHS.	8.9.93
B	CHG'D LEAD LENGTHS.	8.27.93
C	CHG'D HOLDER BOTTOM & SAFE OP. SPECS.	8.19.94
D	UPDATED SPECS.	11.29.94
E	CHG'D STAND-OFF TO 4 FOOD CONSTR.	1.9.95
F	E.C.N. #10100.	10.9.95
G	E.C.N. #10104.	2.6.96
H	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		635		nm	
		635		nm	
FORWARD VOLTAGE		2.0	2.8	V <sub>f</sub>	
REVERSE VOLTAGE	5.0			V <sub>r</sub>	I <sub>r</sub> =100 $\mu$ A
AXIAL INTENSITY		15		mcd	I <sub>f</sub> =20mA
VIEWING ANGLE		80		2x theta	
EMITTED COLOR:	RED/RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT		30	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	mW/°C
OPERATING, STORAGE TEMP.		-40 TO +85	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY			J SEC. MAX

\* t < 10 $\mu$ S

NOTES:

- SSH-LXH240 HOLDER, MATERIAL: BLACK NYLON 94V-0.
- SSL-LX3044ID LED ( 2 PCS.).

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\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±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.	PART NUMBER
H	SSF-LXH240IID

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T-3mm RIGHT ANGLE FAULT INDICATOR LED,  
 DUAL 635nm RED LEDS, RED DIFFUSED.

**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:
CT			1.12.93
			PAGE: 1 OF 1
			SCALE: N/A

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