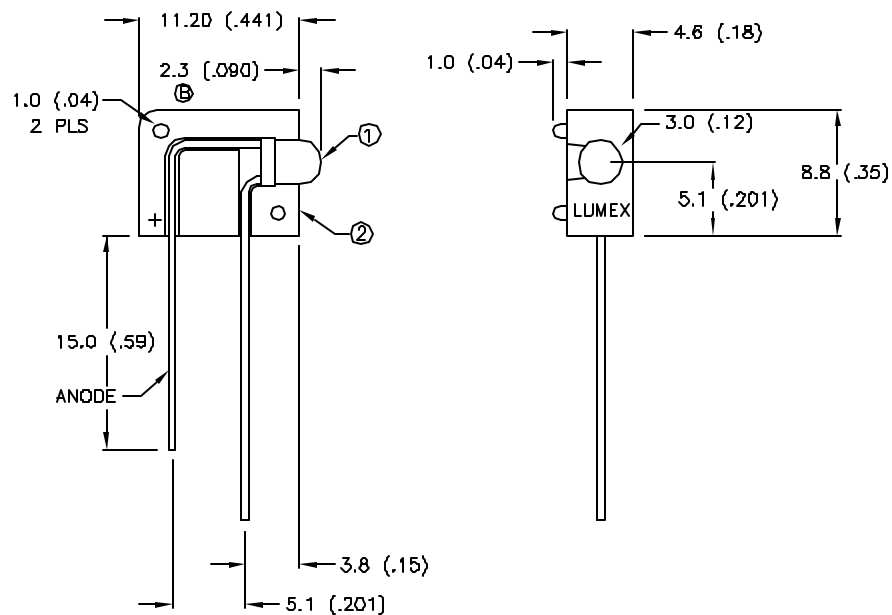


DATE	REVISIONS	REV
12-14-94	UPDATE SPECS. & CORRECT B.O.M.	A
1-16-95	CHG'D. BULB PROTRUSION FROM 1.5mm TO 2.3mm./	B

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SSF-LXH1031GD

REV
B



ELECTRO-OPTICAL CHARACTERISTICS TA=25 °C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
FORWARD VOLTAGE		2.1	2.8	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100uA
AXIAL INTENSITY		8.0		mod	I _f =20mA
VIEWING ANGLE		80		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				

LIMITS OF SAFE OPERATION AT 25 DEG. C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	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<10uS		

BILL OF MATERIALS:

1. SSL-LX3054GD LED.
2. SSH-LXH1031 HOLDER. BLACK NYLON.

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.

FXH103AM

LUMEX
OPTO COMPONENTS INC.

292 E. HELLEN ROAD
PALATINE, ILLINOIS 60067
(708) 358-2780

DATE: 3-17-93

APPROVED BY:

DRAWN BY:

SCALE: DO NOT SCALE DWG

T-1 MATING RIGHT ANGLE INDICATOR,
FRONT/BACK LEADS, GREEN DIFFUSED

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