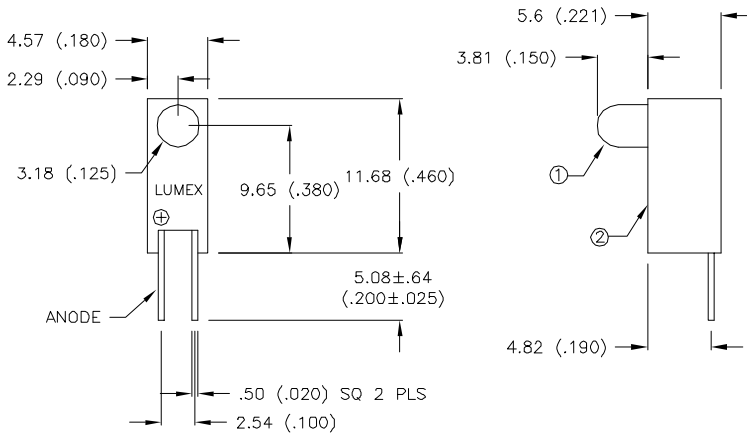


DATE	REVISIONS	REV
4-1-97	E.C.N. #10327./	A

DRAWING NUMBER	REV
SSF-LXH1032GD	A

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
FORWARD VOLTAGE		2.1	2.5	$V_f$	
REVERSE VOLTAGE	5.0			$V_r$	$I_f=100\mu\text{A}$
AXIAL INTENSITY		8.0		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		80		$2 \times \text{theta}$	
EMITTED COLOR	GREEN				
EPOXY LENS FINISH	GREEN DIFFUSED				



LIMITS OF SAFE OPERATION AT  $25^{\circ}\text{C}$

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

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

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.

NOTES:

1. SSL-LX306F4GD LED.
2. SSH-LXH1032 HOLDER.

UNLESS OTHERWISE SPECIFIED TOLERANCE IS  $\pm .25\text{mm}$  ( $\pm 0.010''$ )

<b>LUMEX</b> OPTO COMPONENTS INC.		290 E. HELLEN ROAD PALATINE, ILLINOIS 60067 (847) 359-2790	
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DATE: 7-13-93	DWN:	CHK'D:	APPD:
SCALE: N/A			
T-1 (3mm) HIGH PROFILE, GREEN DIFFUSED, RIGHT ANGLE INDICATOR			
PAGE 1 OF 1	DRAWING NUMBER SSF-LXH1032GD		REV A