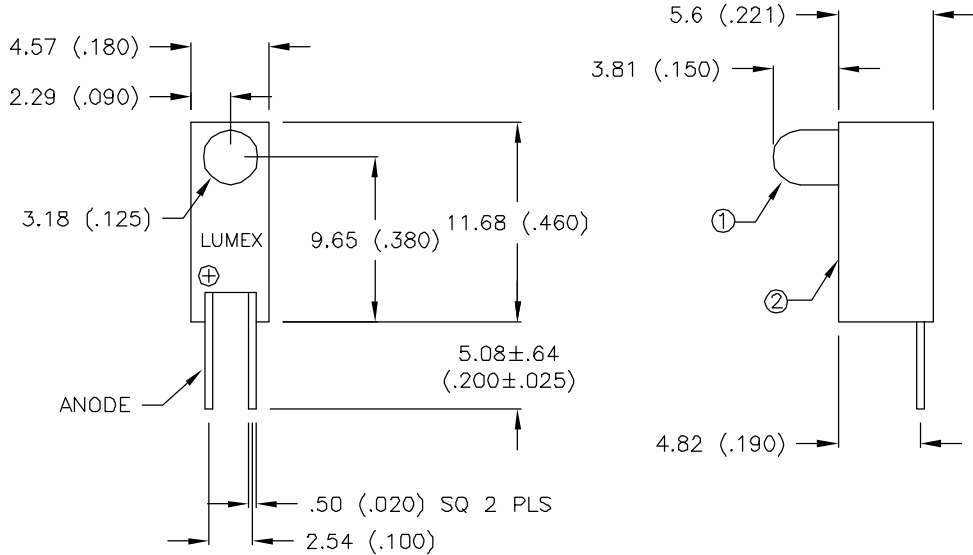


DATE	REVISIONS	REV
4-1-97	E.C.N. #10327./	A

DRAWING NUMBER	REV
SSF-LXH1032ID	A

ELECTRO-OPTICAL CHARACTERISTICS T<sub>A</sub> = 25°C I<sub>f</sub> = 20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
FORWARD VOLTAGE		2.0	2.5	V <sub>f</sub>	
REVERSE VOLTAGE	5.0			V <sub>r</sub>	I <sub>r</sub> = 100uA
AXIAL INTENSITY		10		mcd	I <sub>f</sub> = 20mA
VIEWING ANGLE		80		2x theta	
EMITTED COLOR	RED				
EPOXY LENS FINISH	RED DIFFUSED				



LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	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

**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-LX306F4ID LED.
2. SSH-LXH1032 HOLDER.

UNLESS OTHERWISE SPECIFIED TOLERANCE IS ±.25mm (±0.010")

<b>LUMEX</b> OPTO COMPONENTS INC.		290 E. HELLEN ROAD PALATINE, ILLINOIS 60067 (847) 359-2790	
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DATE: 2-7-94	DWN:	CHK'D:	APPD:
SCALE: N/A			
T-1 (3mm) HIGH PROFILE, RED DIFFUSED, RIGHT ANGLE INDICATOR			
PAGE 1 OF 1	DRAWING NUMBER SSF-LXH1032ID	REV A	