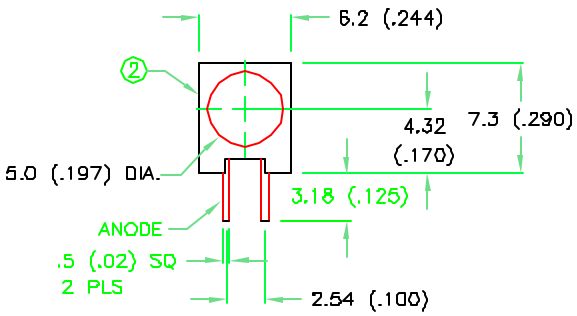
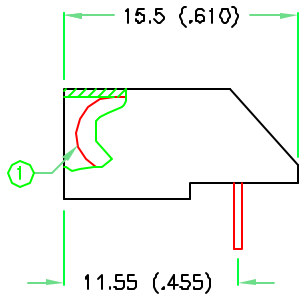
DATE	REVISIONS	REV

DRAWING NUMBER
SSF-LXH1071LID

REV





ELECTRO-OPTICAL CHARACTERISTICS TA=25 °C I_f=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
FORWARD VOLTAGE		1.9	2.7	V_f	
REVERSE VOLTAGE	5.0			V_r	I_r=100uA
AXIAL INTENSITY		20		mcd	I_f=20mA
	1.0			mcd	I_f=2mA
VIEWING ANGLE		80		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25 DEG. C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	155	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	110	mW
DERATE FROM 25 °C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-55 TO +100	°C
LEAD SOLDERING TEMP.	+260	°C
1.6mm FROM BODY		5 SEC. MAX

* t<10uS

NOTES:

1. SSL-LX509F3LID LED.
2. SSH-LXH1071 WHITE HOLDER.
3. TOLERANCE: +/-0.25 (+/-.010).

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.

FXH107AG

LUMEX OPTO COMPONENTS INC.
292 E. HELLEN ROAD
PALATINE, ILLINOIS 60067
(708) 359-2790

DATE: 9-3-93	APPROVED BY:	DRAWN BY:
SCALE: N/A		

T-5 (T-1 3/4) RIGHT ANGLE FAULT INDICATOR,
RED DIFFUSED, LOW CURRENT SELECTION

PAGE 1 OF 1

DRAWING NUMBER
SSF-LXH1071LID

REV