

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

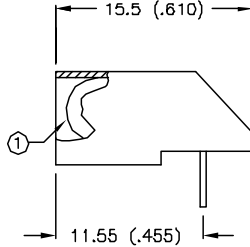
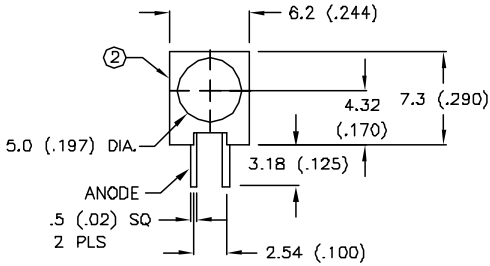
[Lumex, Inc.](#)  
[SSF-LXH1071YD](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

DATE	REVISIONS	REV	DRAWING NUMBER <b>SSF-LXH1071YD</b>	REV
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*UNCONTROLLED DOCUMENT*



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585 (YELLOW)		nm	
FORWARD VOLTAGE		2.1	2.8	V <sub>f</sub>	
REVERSE VOLTAGE	5.0			V <sub>r</sub>	I <sub>r</sub> =100uA
AXIAL INTENSITY		20		mcd	I <sub>f</sub> =20mA
VIEWING ANGLE		80		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	YELLOW 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-LX509F3YD LED.
2. SSH-LXH1071 WHITE HOLDER.
3. TOLERANCE: +/-0.25 (+/-0.010).

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.

*UNCONTROLLED DOCUMENT*

FXH107AE

<b>LUMEX</b> OPTO COMPONENTS INC.		292 E. HELLEN ROAD PALATINE, ILLINOIS 60067 (708) 359-2790	
DATE: 9-1-93	APPROVED BY:	DRAWN BY:	
SCALE: N/A			
T-5 (T-1 3/4) RIGHT ANGLE FAULT INDICATOR, YELLOW DIFFUSED			
PAGE 1 OF 1	DRAWING NUMBER <b>SSF-LXH1071YD</b>		REV