

## **Excellent Integrated System Limited**

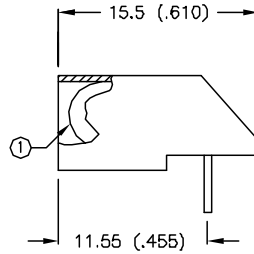
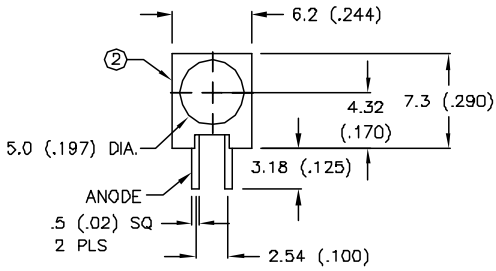
Stocking Distributor

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

[Lumex, Inc.](#)  
[SSF-LXH1071SRD](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

DATE	REVISIONS	REV	DRAWING NUMBER <b>SSF-LXH1071SRD</b>	REV
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ELECTRO-OPTICAL CHARACTERISTICS TA=25 °C I<sub>f</sub>=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (RED)		nm	
FORWARD VOLTAGE		1.7	2.2	V <sub>f</sub>	
REVERSE VOLTAGE	4.0			V <sub>r</sub>	I <sub>r</sub> =100uA
AXIAL INTENSITY		40		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 DEG. C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT *	155	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	55	mW
DERATE FROM 25 °C	-1.3	mW/°C
OPERATING, STORAGE TEMP.	-25 TO +85	°C
LEAD SOLDERING TEMP.	+230	°C
1.6mm FROM BODY		5 SEC. MAX

\* t<10uS

NOTES:

1. SSL-LX509F3SRD LED.
2. SSH-LXH1071 WHITE HOLDER.
3. TOLERANCE: +/-0.25 (+/-0.10).

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.

FXH107AF

<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, RED DIFFUSED			
PAGE 1 OF 1	DRAWING NUMBER <b>SSF-LXH1071SRD</b>		REV