

## **Excellent Integrated System Limited**

Stocking Distributor

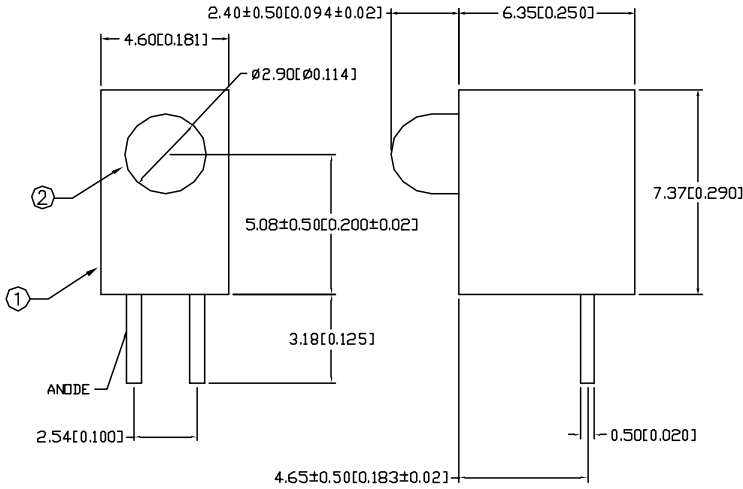
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Lumex, Inc.](#)  
[SSF-LXH103GD-5V](#)

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

DATE	REVISIONS	REV
10-1-93	REDRAWN./	A
12-18-96	E.C.N. #10285./	B
1-21-97	E.C.N. #10295./	C
2-3-97	E.C.N. #10304./	D

DRAWING NUMBER	REV
SSF-LXH103GD-5V	D



**NOTES**

- SSH-LXH103 HOLDER.
- SSL-LX3044GD-5V LED.

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		5.0	7.0	$V_f$	
REVERSE VOLTAGE	5.0			$V_r$	$I_r=100\mu\text{A}$
AXIAL INTENSITY		80		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		8		$2\theta$	
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	12	mA
POWER DISSIPATION	310	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.



290 E. HELLEN ROAD  
PALATINE, ILLINOIS 60067  
(847) 359-2790

CONFIDENTIAL INFORMATION  
 THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX OPTO/COMPONENTS, INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX OPTO/COMPONENTS, INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

DATE: 8-31-93	DWN:	CHK'D:	APPD:
SCALE: N/A			

T-3 (T-1) RIGHT ANGLE FAULT INDICATOR,  
GREEN DIFFUSED, 5V OPERATION

PAGE 1 OF 1	DRAWING NUMBER SSF-LXH103GD-5V	REV D
-------------	-----------------------------------	----------