

Excellent Integrated System Limited

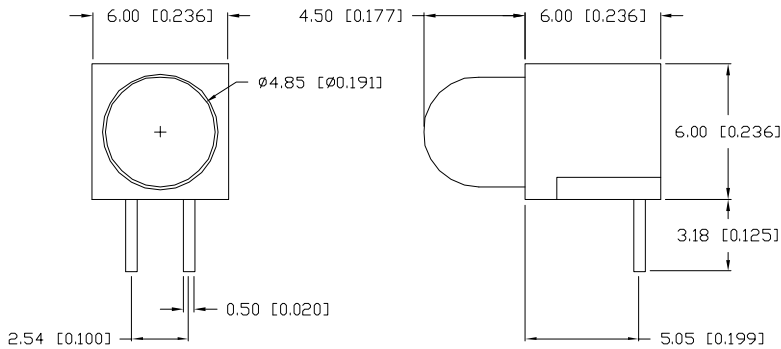
Stocking Distributor

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

[Lumex, Inc.](#)
[SSF-LXH101GD-01](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

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PART NUMBER		REV.
SSF-LXH101GD-01		F
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	CHG'D LEAD LENGTH.	10.19.93
B	REMOVED MIN FROM LEAD LENGTH.	1.3.94
C	UPDATED SPECS.	9.18.95
D	E.C.N. #10393.	10.28.97
E	E.C.N. #10457.	8.27.98
F	E.C.N. #10BRDR. & REDRAWN IN 3D.	5.14.02

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		30		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX

* $t < 10\mu\text{s}$

- NOTES:
- SSL-LX509F3GD, GREEN LED.
 - SSH-LXH101, BLACK NYLON 94V-0 HOLDER.

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*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X= ± 1 (± 0.039), XX= ± 0.5 (± 0.020), XXX= ± 0.25 (± 0.010), XXXX= ± 0.127 (± 0.005). LEAD SIZE= ± 0.05 (± 0.002), LEAD LENGTH= ± 0.75 (± 0.030). MIN=^{+DECIMAL PRECISION} MAX=^{+0.00}/_{-0.00} DECIMAL PRECISION

REV.	PART NUMBER
F	SSF-LXH101GD-01
T-5mm (T-1 3/4) LED, RIGHT ANGLE FAULT INDICATOR, 565nm GREEN LED, GREEN DIFFUSED LENS.	

CONFIDENTIAL INFORMATION
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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.

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	BC			6.15.92
				PAGE: 1 OF 1
				SCALE: N/A