

Excellent Integrated System Limited

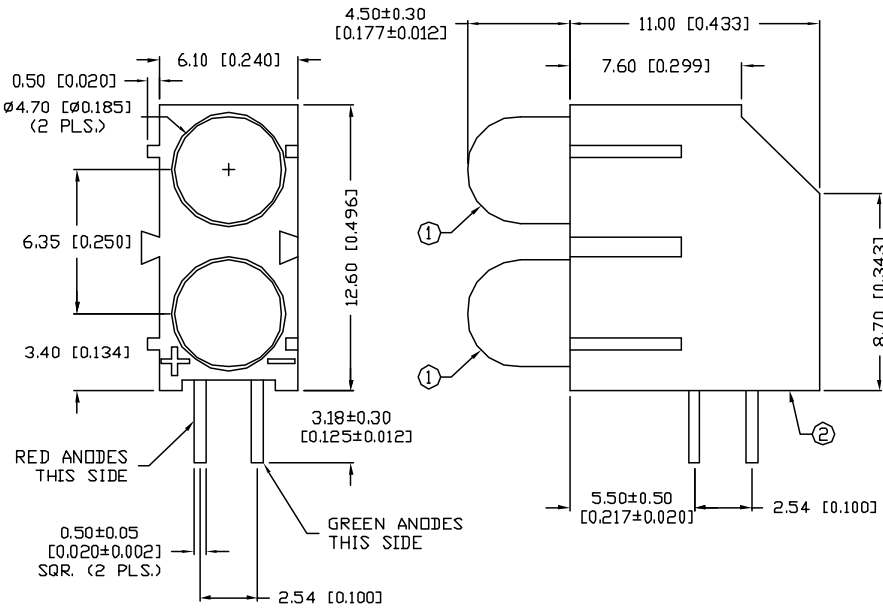
Stocking Distributor

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

[Lumex, Inc.](#)
[SSF-LXHM250IGIGW](#)

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

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NOTES:

1. SSL-LX509F3IGW, RED/GREEN BICOLOR LED. (2 PCS.)
2. SSH-LXHM250, BLACK HOLDER.

PART NUMBER		REV.
SSF-LXHM250IGIW		D
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	CHANGED LEAD LENGTH.	10-18-93
B	E.C.N. #10305.	2-5-97
C	E.C.N. #10333.	4-17-97
D	E.C.N. #10500 & #10BRDR. & REDRAWN.	4-7-99

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY (R/G)		30/25		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		6D		2x theta	
EMITTED COLOR:	POSITION 1-RED/GREEN				
	POSITION 2-RED/GREEN				
EPOXY LENS FINISH:	POSITION 1-MILKY WHITE DIFFUSED				
	POSITION 2-MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/G)	30/25	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

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

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*UNLESS OTHERWISE SPECIFIED TOLERANCE IS $\pm 0.25\text{mm}$ ($\pm 0.010"$)

REV. D	PART NUMBER SSF-LXHM250IGIW	<p>CONFIDENTIAL INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX 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.</p> <p>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.</p>	<p>LUMEX INCORPORATED</p> <p>290 E. HELLEN ROAD PALATINE, ILLINOIS 60067 PHONE: 1-847-359-2790 WEB: HTTP://WWW.LUMEX.COM</p>
T-5mm (T-1 3/4) LED, RIGHT ANGLE FAULT INDICATOR, TWO 635nm RED/565nm GREEN BICOLOR LEDS, MILKY WHITE DIFFUSED LENS.		DRAWN BY: BC CHECKED BY: APPROVED BY: DATE: 7-6-93	DATE: 7-6-93 PAGE: 1 OF 1 SCALE: N/A