

## **Excellent Integrated System Limited**

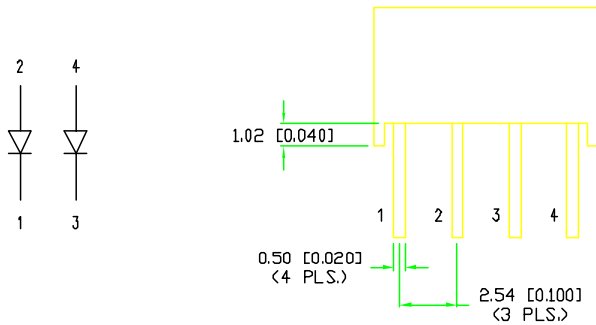
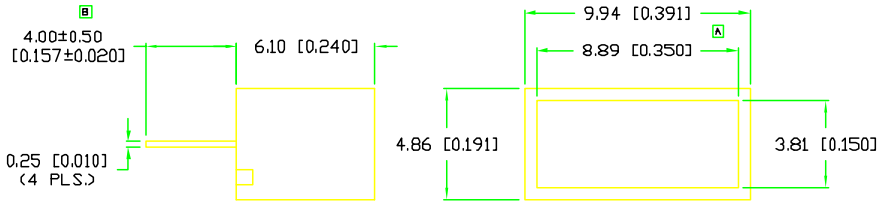
Stocking Distributor

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

[Lumex, Inc.](#)  
[SSB-LX2400YW](#)

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

PART NUMBER		REV.
SSB-LX2400YW		B
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10241./	9-27-96
B	E.C.N. #10BRDR./REDRAWN & ADDED TOL.	8-31-98



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	585	(YELLOW)		nm	
FORWARD VOLTAGE		2.1	2.5	$V_f$	
REVERSE VOLTAGE	5.0			$V_r$	$I_f=100\mu\text{A}$
AXIAL INTENSITY		18		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		160		$2x$ theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	MIKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT  $25^{\circ}\text{C}$  PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM $25^{\circ}\text{C}$	-1.2	$\text{mW}/^{\circ}\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^{\circ}\text{C}$
SOLDERING TEMP.	+260	$^{\circ}\text{C}$
2.0mm FROM BODY		3 SEC. MAX

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

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

REV.	PART NUMBER
B	SSB-LX2400YW
8.89mm x 3.81mm VIEWING AREA LIGHT BAR, 2- 585nm YELLOW LEDS, MILKY WHITE DIFFUSED EPOXY.	

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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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DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 4-8-93
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			SCALE: N/A