

Excellent Integrated System Limited

Stocking Distributor

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

[Lumex, Inc.](#)
[SSB-LXH100SRW](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

DATE	REVISIONS	REV	DRAWING NUMBER SSB-LXH100SRW	REV
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UNCONTROLLED DOCUMENT

ELECTRO-OPTICAL CHARACTERISTICS TA=25 °C If=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (RED)		nm	
FORWARD VOLTAGE		1.7	2.2	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100uA
AXIAL INTENSITY		150		mcd	If=20mA
VIEWING ANGLE		160		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25 DEG. C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT *	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 38 °C	-0.5	mA/ °C
OPERATING, STORAGE TEMP.	-20 TO +85	°C
LEAD SOLDERING TEMP.	+230	°C
1.6mm FROM BODY		5 SEC. MAX

* t<10uS

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.

UNIT: mm (INCHES)
TOLERANCE: +/-0.25 (+/-0.01) UNLESS OTHERWISE SPECIFIED

UNCONTROLLED DOCUMENT

BXH100MB

		292 E. HELLEN ROAD PALATINE, ILLINOIS 60067 (708) 359-2790	
DATE: 4-20-93	DWN:	CHK'D:	APPD:
SCALE: DO NOT SCALE DWG			
19.05mm X 8.89mm LIGHT BAR, WHITE DIFFUSED			
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