



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



DATE

REVISIONS

REV

DRAWING NUMBER
SSB-LXH100SRW

REV

UNCONTROLLED DOCUMENT

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

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

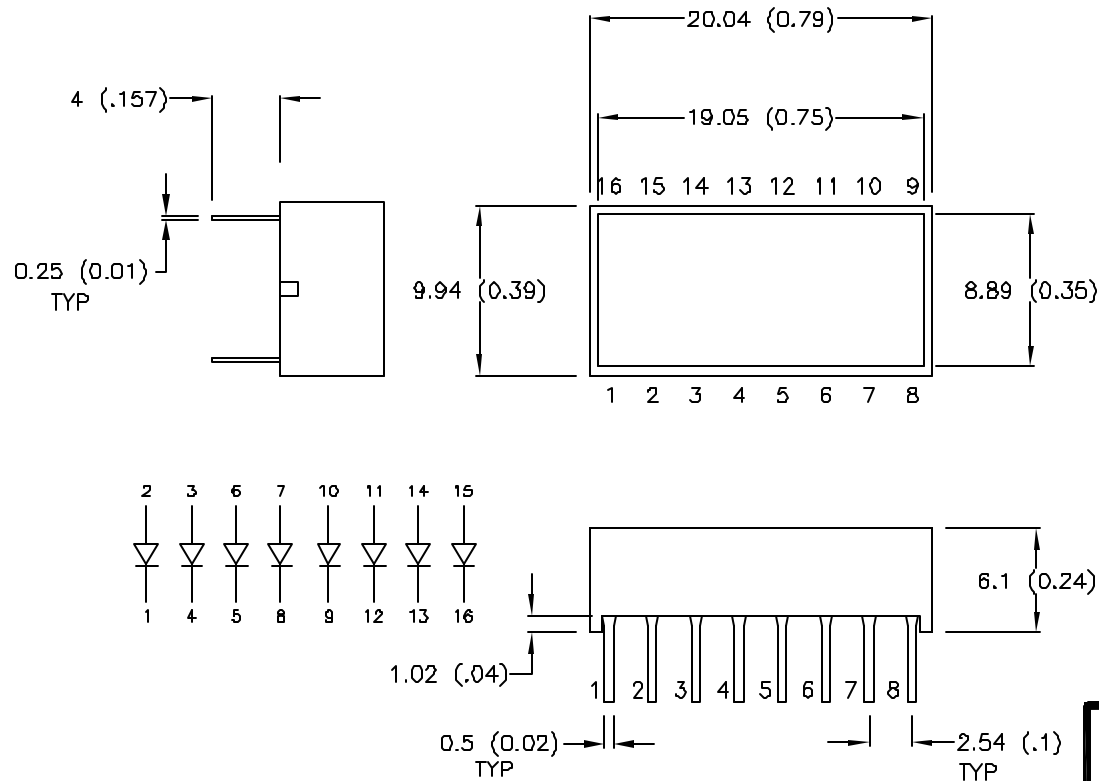
LIMITS OF SAFE OPERATION AT 25 DEG. C

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

BXH100AB

LUXE
OPTO COMPONENTS INC.

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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