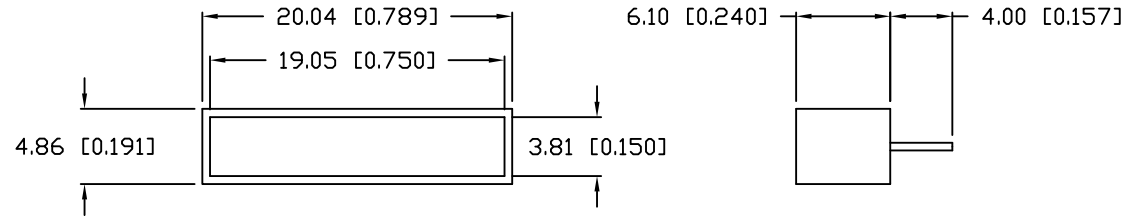


PART NUMBER
SSB-LX2450YW

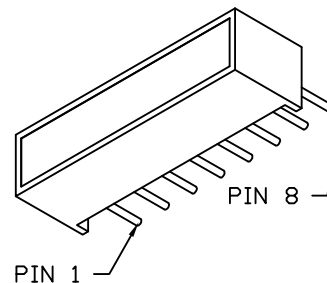
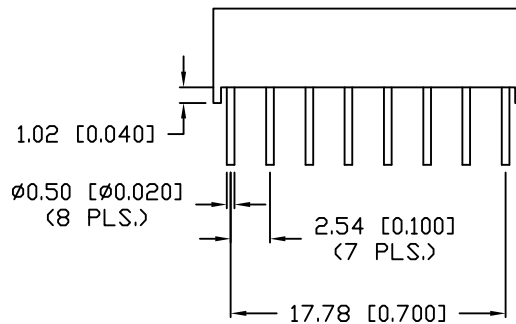
REV.
C

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10113.	7.26.96
B	E.C.N. #10BRDR. & REDRAWN.	6.21.01
C	ECN-Lumex201600057	09.01.16



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

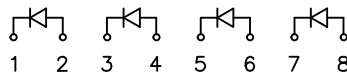
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		2.1	2.6	V_f	
REVERSE VOLTAGE			5.0	V_r	$I_f=100\mu\text{A}$
LUMINOUS INTENSITY		38		mcd	$I_f=20\text{MA}$
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	YELLOW DIFFUSED				



LIMITS OF SAFE OPERATION AT 25°C PERDIE

PARAMETER	MAX	UNITS
FORWARD CURRENT	20	mA
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.**	MAX. 3SEC.@260	$^\circ\text{C}$

**2mm BELOW PACKAGE BASE



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

REV. C	PART NUMBER SSB-LX2450YW
-----------	-----------------------------

5mm x 20mm 4 CHIP LIGHT BAR,
585nm YELLOW CHIPS, MILKY WHITE DIFFUSED.

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.

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.

LUMEX 425 N. GARY AVE. ©
CAROL STREAM, IL 60188
PHONE: 800-278-5666
FAX: 630-315-2152
WEB: WWW.LUMEX.COM

DRAWN BY: K.Y.	CHECKED BY: G.Y.	APPROVED BY: R.C.	DATE: 09.01.16 PAGE: 1 OF 1 SCALE: N/A
-------------------	---------------------	----------------------	--

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Lumex:

[SSB-LX2450YW](#)