



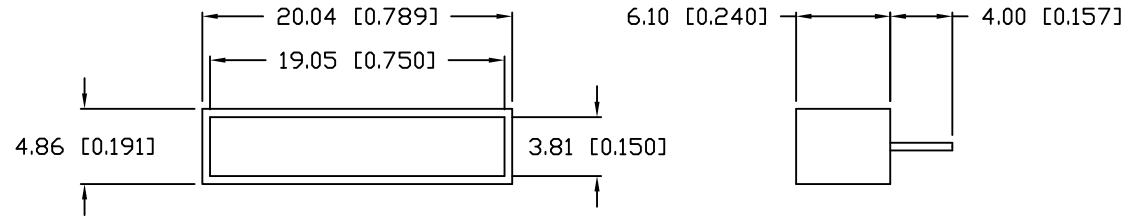
**THE DATASHEET OF
SSB-LX2450YW**



PART NUMBER
SSB-LX2450YW

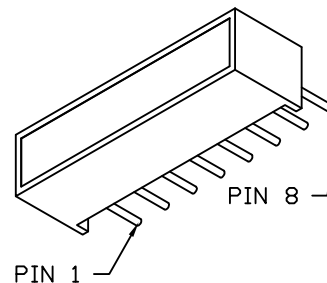
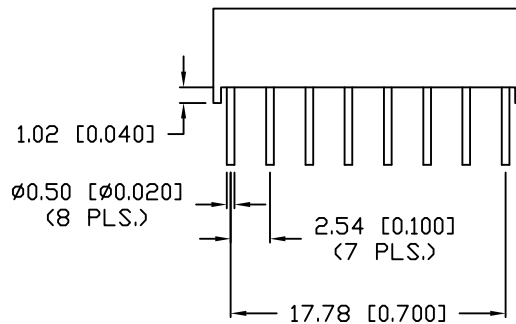
REV.
C

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 $T_A=25^\circ\text{C}$

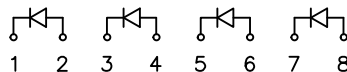
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		2.1	2.6	V_f	
REVERSE VOLTAGE			5.0	V_r	$I_f=100\mu\text{A}$
LUMINOUS INTENSITY		38		mcd	$I_f=20\text{MA}$
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	YELLOW DIFFUSED				



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.	PART NUMBER
C	SSB-LX2450YW

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

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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.

LUMEX 425 N. GARY AVE.

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

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

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