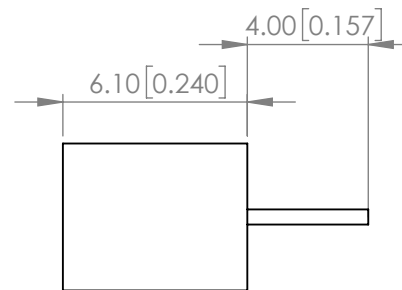
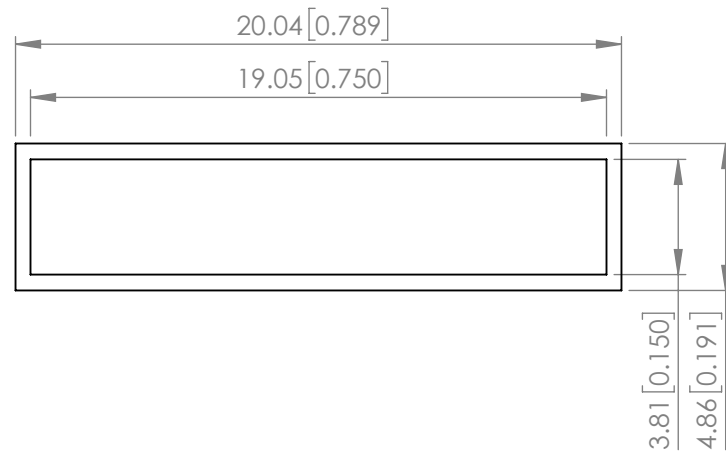
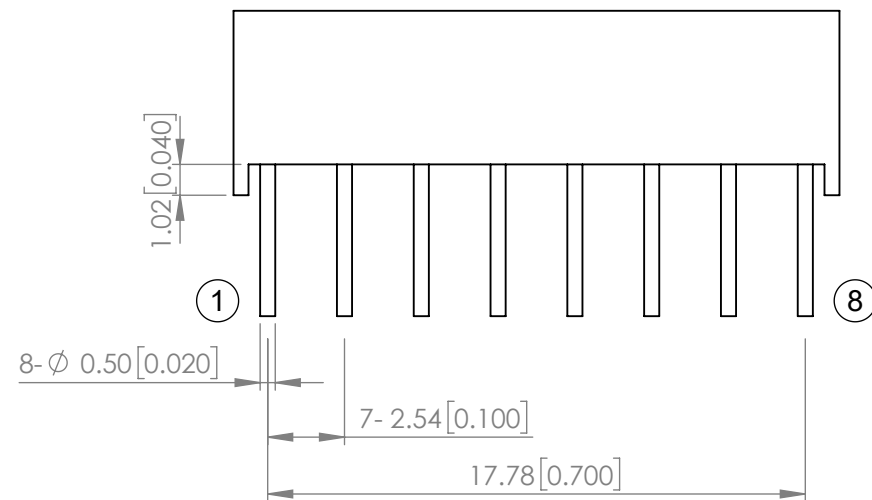


<b>PART NUMBER</b>		SSB-LX2450SYW	<b>REV</b>	A
<b>REV</b>	<b>E.C.N. NUMBER AND REVISION COMMENTS</b>			<b>DATE</b>
A	ECN-Lumex202200023			04.06.22

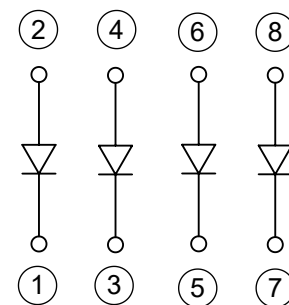


**ELECTRO-OPTICAL CHARACTERISTIC TA=25°C**

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	590	-	nm	If=20mA
FORWARD VOLTAGE	-	2.0	2.5	Vf	If=20mA
REVERSE CURRENT	-	-	10	uA	VR=5V
LUMINOUS INTENSITY	-	140	-	mcd	If=20mA
EMITTED COLOR	YELLOW				
EPOXY LENS FINISH	MILKY WHITE DIFFUSED				



**POLARITY**




**ABSOLUTE MAXIMUM RATINGS TA=25°C**

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	175	mA
FORWARD CURRENT	30	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION	75	mW
STORAGE TEMPERATURE	-40 TO +85	°C
OPERATING TEMPERATURE	-40 TO +85	°C
LEAD SOLDER TEMPERATURE**	3 SEC MAX@260°C	°C

\*1/10 Duty Cycle, 0.1ms Pulse Width  
 \*\*2mm BELOW PACKAGE BASE

STATIC DEVICE FOLLOW PROPER  
 E.S.D. HANDLING PROCEDURES  
 WHEN WORKING WITH THIS PART

\*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= <sup>+DECIMAL PRECISION</sup>/<sub>-0.00</sub> MAX= <sup>+0.00</sup>/<sub>-DECIMAL PRECISION</sub>

 <p>425 N. GARY AVE.          CAROL STREAM, IL 60188          PHONE : 800-278-5666          FAX : 630-315-2150          WEB : WWW.LUMEX.COM</p>	5mm*20mm 4 CHIP LIGHT BAR, 590nm YELLOW CHIPS, MILKY WHITE DIFFUSED LENS	DATE : 2022.04.06	DRAWN BY : E.C.	
	**THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.**	PAGE : 1 OF 1	CHKD BY : E.C.	
	CONFIDENTIAL INFORMATION	SCALE : NTF	APRVD BY : G.Y.	
	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.	UNIT : mm [INCH]		