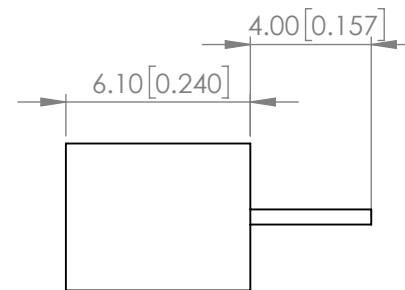
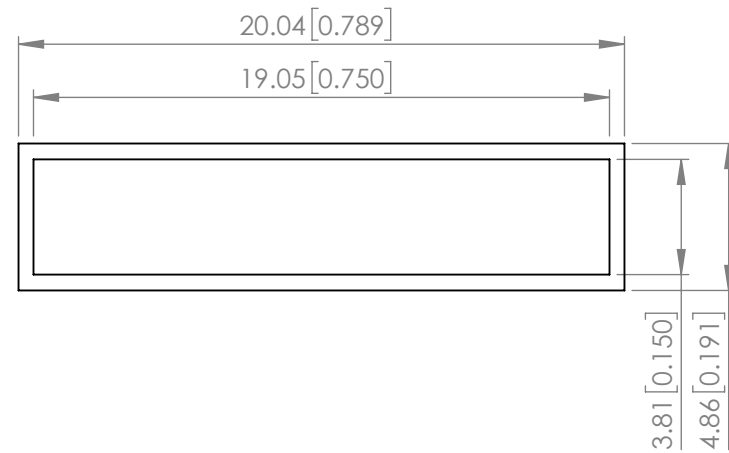
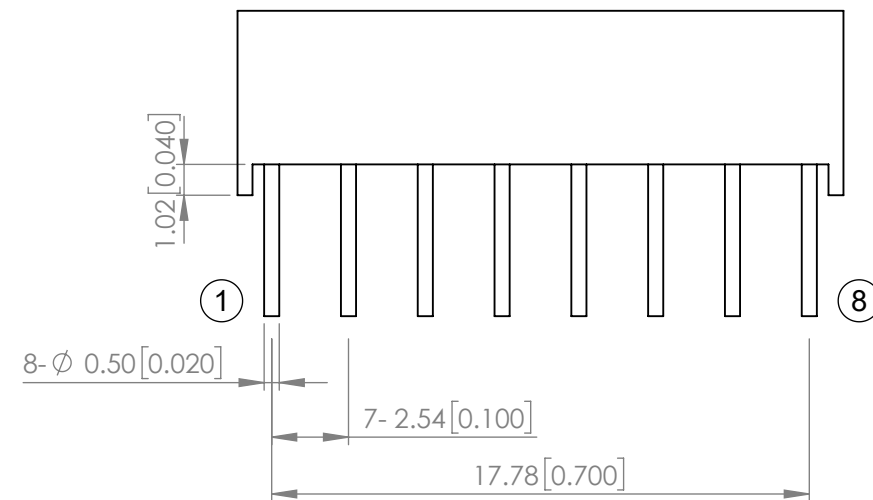


<b>PART NUMBER</b>		SSB-LX2450SYW	<b>REV</b>	A
<b>REV</b>	<b>E.C.N. NUMBER AND REVISION COMMENTS</b>			<b>DATE</b>
A	ECN-Lumex202200023			04.06.22

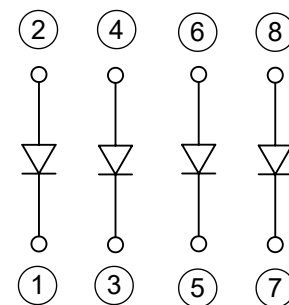


**ELECTRO-OPTICAL CHARACTERISTIC TA=25°C**

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.
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			UNIT : mm [INCH]	(No)