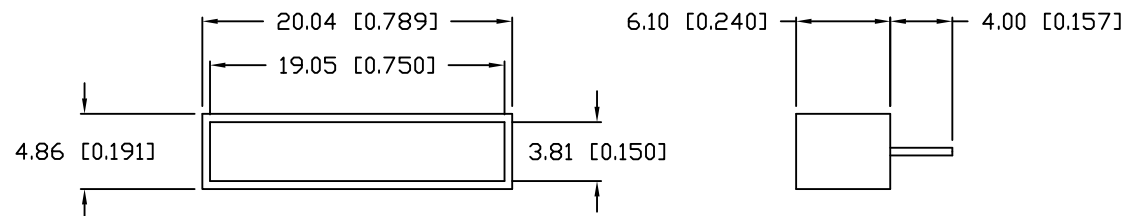


PART NUMBER  
SSB-LX2350IGW

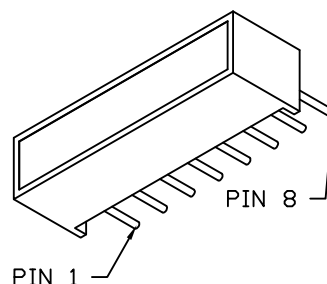
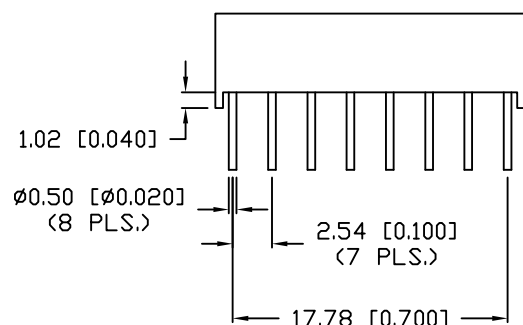
REV.  
B

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & REDRAWN.	6.21.01
B	ECN-Lumex201600055	09.01.16



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
▣ PEAK WAVELENGTH		627(RED) 565(GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5	$V_f$	
REVERSE VOLTAGE			5.0	$V_r$	$I_r=100\mu\text{A}$
▣ LUMINOUS INTENSITY (R/G)		50/60		mcd	$I_f=20\text{mA}$
EMITTED COLOR:		RED/GREEN			
EPOXY LENS FINISH:		MILKY WHITE DIFFUSED			

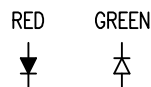
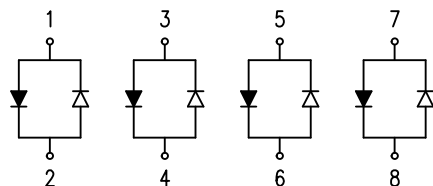


LIMITS OF SAFE OPERATION AT  $25^{\circ}\text{C}$

PARAMETER	COLORS	MAX	UNITS
▣ PEAK FORWARD CURRENT*		140	mA
▣ FORWARD CURRENT	(R/G)	30/25	mA
▣ POWER DISSIPATION	(R/G)	75/65	mW
OPERATING, STORAGE TEMP.		- 40 TO +85	$^{\circ}\text{C}$
SOLDERING TEMP**		MAX. 3SEC.@260	$^{\circ}\text{C}$

\* $T<10\mu\text{s}$

\*\*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
B	SSB-LX2350IGW

5mm x 20mm 4 CHIP LIGHT BAR,  
RED/GREEN BICOLOR CHIPS, MILKY WHITE DIFFUSED EPOXY.

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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.

<b>LUMEX</b> <small>Creating LED and LCD Solutions Together™</small>				425 N. GARY AVE CAROL STREAM, IL 60188 PHONE: 800-278-5666 FAX: 630-315-2152 WEB: WWW.LUMEX.COM
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