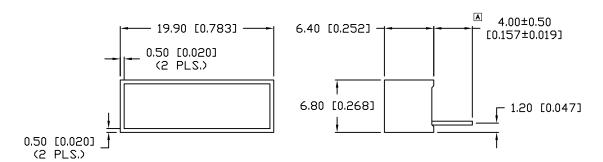
## UNCONTROLLED DOCUMENT

0.50 [0.020] (6 PLS.)

PART NUMBER			
SSB-LX620SYD			
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	
05.02.13	E.C.N. #11859.	Α	
00.02.10			



2.54 [0.100] (5 PLS.)

ELECTRO-OPTICAL CH	ARACTERIS	STICS TA=25	•C	l f= 20mA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590		nm	
FORWARD VOLTAGE		2.0	2.5	Vf	
REVERSE VOLTAGE	5.0			۷r	lr=100µA
AXIAL INTENSITY		80		mcd	$I_f = 20 \text{mA}$
VIEWING ANGLE		160		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	YELLOW	DIFFUSED			

## LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	- 1.2	mW/°C
OPERATING, STORAGE TEMP.	- 40 TO + 85	•C
SOLDERING TEMP.	+ 260	•C
2.0mm FROM BODY		3 SEC. MAX

\* t<10µS

	۲ <sup>3</sup> <sup>3</sup> 7 ۲ <sup>3</sup> 7 ۲ <sup>3</sup> 7 1 2 3 4 5 6						
*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 (±0.020), LEAD LENGTH=±0.75 (±0.030). MIN = +DECIMAL PRECISION MAX.= +0.00 -DECIMAL PRECISION							
rev. A S	part number SB—LX620SYD	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.		PAL PHC US	) E. HELEN ROA ATINE, IL 6000 DNE: +1.847.35 WEB: www.lume WEB: www.lume	67–6976 9.2790 x.com	
	20mm, 3 CHIP LIGHT BAR, YELLOW CHIPS, YELLOW DIFFUSED.	RELABILITY 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.	DRAWN BY: ct		APPROVED BY:		

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