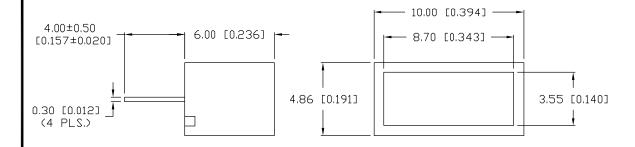
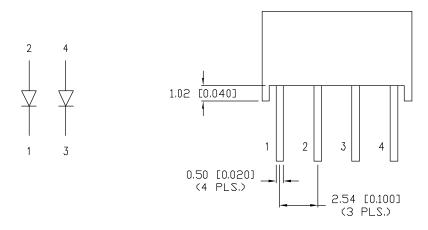
SSB-LX2501SUGW



ELECTRO-OPTICAL (CHARACTERIS'	TICS TA=25	5°C	$I_f = 20 \text{mA}$	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		574		nm	
FORWARD VOLTAGE		2.2	2.6	Vf	
REVERSE VOLTAGE	5.0			V_r	Ir=100μA
AXIAL INTENSITY		30		mcd	$I_f = 20 \text{mA}$
VIEWING ANGLE		160		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH	: MILKY W	HITE DIFFUS	SED		



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
+ 1.440.0		

^{*} t<10µS

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.02D), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=+DECIMAL PRECISION MAX.= +0.00 -0.00

REV.

PART NUMBER SSB-LX2501SUGW

8.70mm x 3.55mm VIEWING AREA LIGHT BAR, TWO 574nm GREEN LEDS, MILKY WHITE DIFFUSED EPOXY.

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.

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.



CT

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CHECKED BY: APPROVED BY: DATE: 2.27.04 DRAWN BY:

PAGE: 1 OF 1 SCALE: N/A