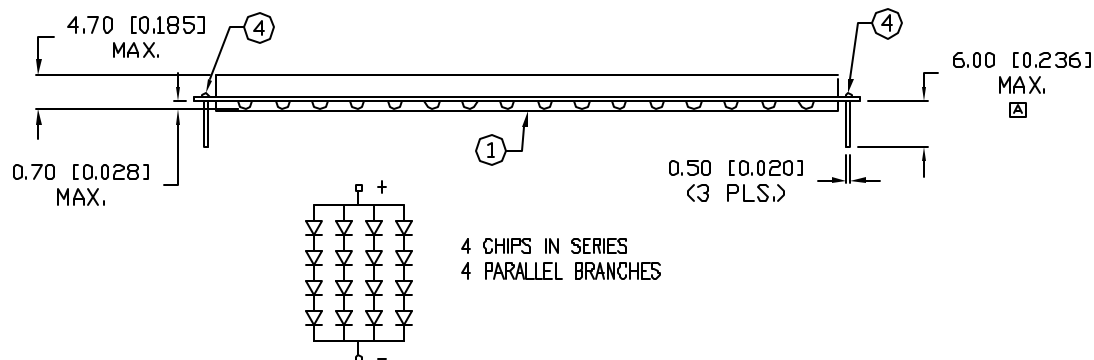
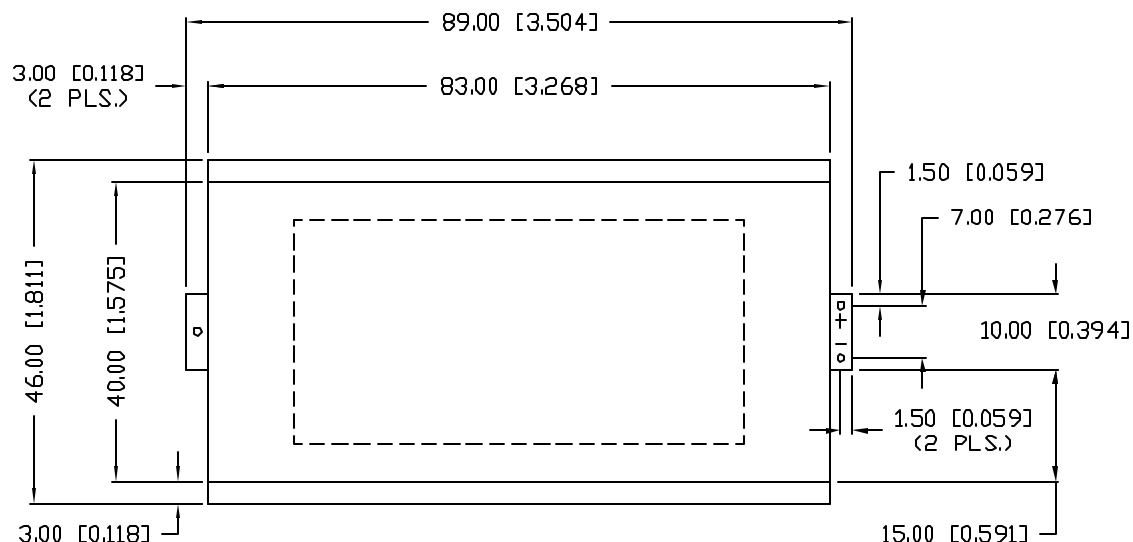


UNCONTROLLED DOCUMENT

PART NUMBER
SSB-PG8340GC-2REV.
E

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10388.	11.4.97
B	E.C.N. #10BRDR. & REDRAWN.	11.19.98
C	E.C.N. #10742.	5.24.01
D	E.C.N. #10799.	10.23.01
E	E.C.N. #10916.	10.10.02

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
FORWARD VOLTAGE		8.8	10.4	V_f	
REVERSE VOLTAGE	10			V_r	$V_r=100\mu\text{A}$
LUMINOUS INTENSITY		45		cd/m^2	$I_f=80\text{ mA}$
EMITTED COLOR:	GREEN				
REFLECTOR FINISH:	CLEAR WHITE				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT	100	mA
STEADY CURRENT	80	mA
POWER DISSIPATION	1.04	W
DERATE FROM 25°C	-19.2	mW/ $^\circ\text{C}$
OPERATING TEMP.	-25 TO +70	$^\circ\text{C}$
STORAGE TEMP.	-40 TO +80	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY	3 SEC. MAX	

NOTES:

- 3M#4945 30mm x 60mm TAPE CENTERED ON BOTTOM OF BOARD.
- DO NOT GRIND SOLDER ON BOTTOM OF BOARD.
- USE HI-TEMP SOLDER (260°C) FOR ANODE AND CATHODE PINS.

UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±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.
EPART NUMBER
SSB-PG8340GC-2

83mm x 40mm P.C.B., DUAL SIDE EDGELIT BACKLIGHT,
16 CHIPS, 565nm GREEN, CLEAR WHITE.

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.

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.



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DATE: 7.15.97

PAGE: 1 OF 1

SCALE: N/A

BC