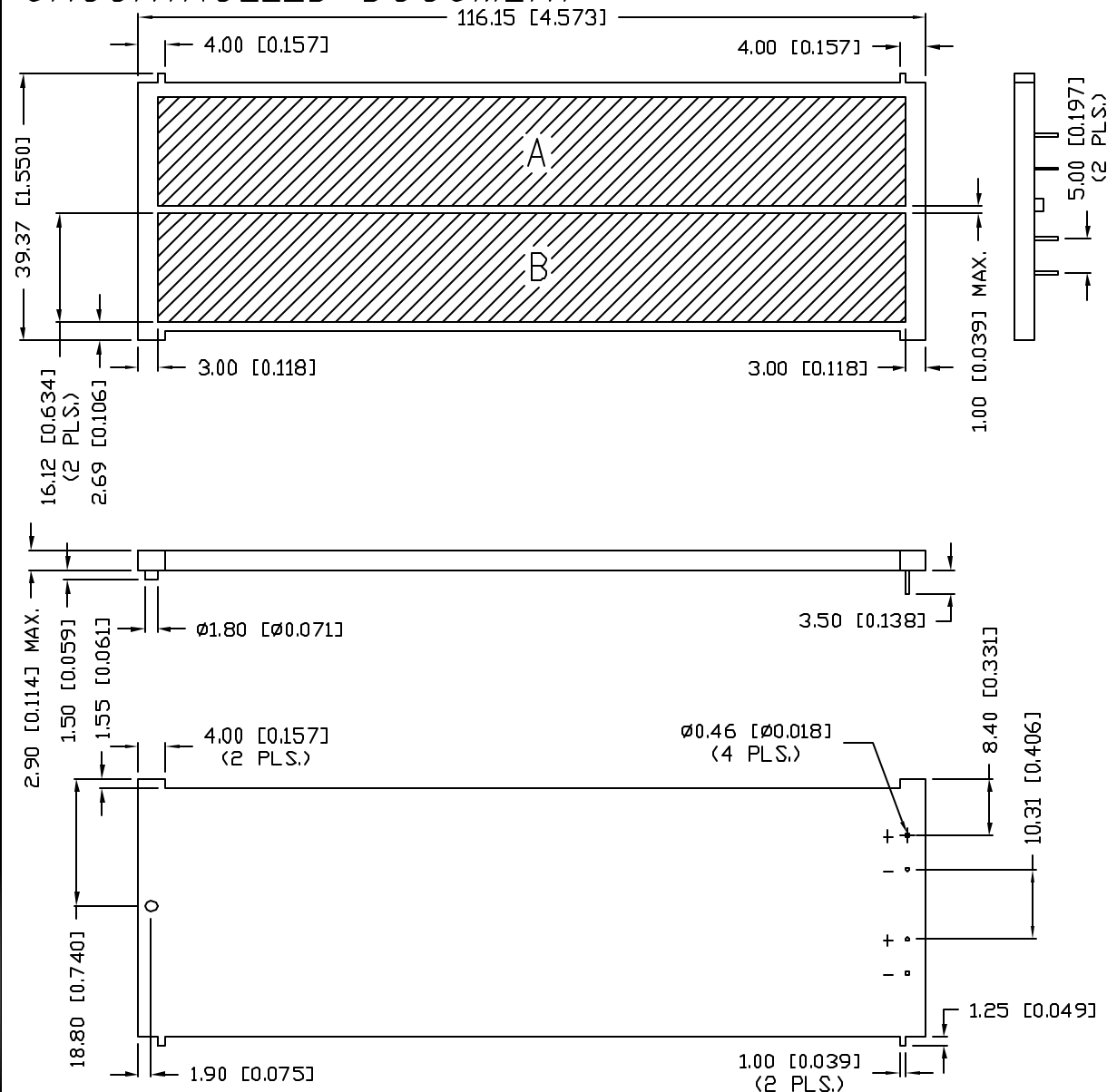


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REV.

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

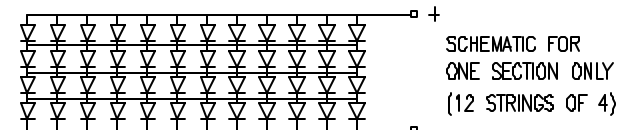
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		6.8	9.2	V_f	
REVERSE VOLTAGE	16			V_r	$V_r=240\mu\text{A}$
LUMINOUS INTENSITY		200		cd/m^2	$I_f=240\text{mA}$
EMITTED COLOR:	SUPER RED				
REFLECTOR FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
STEADY CURRENT	360	mA
POWER DISSIPATION	4.0	W
DERATE FROM 25°C	- 62	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	- 40 TO + 85	$^\circ\text{C}$
SOLDERING TEMP.	+ 260	$^\circ\text{C}$
2.0mm FROM BODY	3 SEC. MAX	

NOTES:

- SECTIONS 'A' AND 'B' ARE INDEPENDENTLY LT.
NO LIGHT LEAKAGE BETWEEN SECTIONS.
- BOTTOM SURFACE TO HAVE NO EXPOSED TRACES.
DO NOT USE SOLDER MASK AS INSULATION.
- NO MORE THAN 20% DIFFERENCE IN UNIFORMITY.



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*TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.025), X.XX=±0.25 (±0.010), LEAD LENGTH=±0.75 (±0.030), MIN=+DECIMAL PRECISION MAX=+0.00 -DECIMAL PRECISION

REV.

PART NUMBER

SSB-COB11032SRW

4.57" x 1.55" RECTANGULAR CHIPS ON BOARD BACKLIGHT,
660nm SUPER RED CHIPS, MILKY WHITE DIFFUSED REFLECTOR.

CONFIDENTIAL INFORMATION

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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.

LUMEX
INCORPORATED

290 E. HELLEN ROAD
PALATINE, ILLINOIS 60067
PHONE: (847) 359-2790
WEB: <http://www.lumex.com>

DRAWN BY:

CHECKED BY:

APPROVED BY:

DATE: 2-4-00

SS/BC

PAGE: 1 OF 1

SCALE: N/A