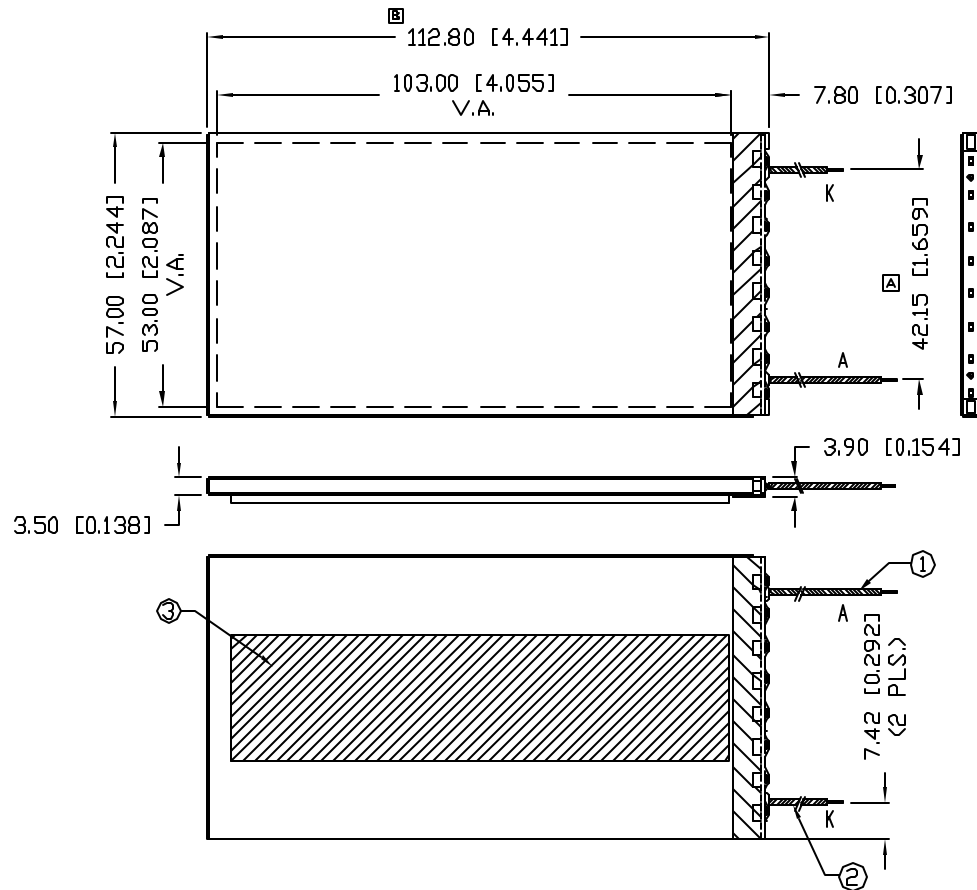


UNCONTROLLED DOCUMENT



PART NUMBER		REV.
SSB-CEL10555UWW		C
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11277.	10.6.05
B	E.C.N. #11302.	1.24.06
C	E.C.N. #11308.	2.2.06

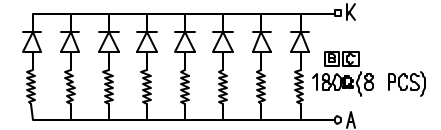
ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ PER MODULE					$I_f=80\text{ mA}$
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		550		nm	
FORWARD VOLTAGE		5.0		V_f	
REVERSE VOLTAGE	5			V_r	$I_r=0.40\text{mA}$
LUMINOUS INTENSITY(*1)		170		cd/m^2	$I_f=80\text{ mA}$
CHROMATICITY X		0.30			
COORDINATES(*2) Y		0.30			
EMITTED COLOR:	WHITE				
REFLECTOR FINISH:	CLEAR WHITE WITH DIFFUSER				

*1. LUMINOUS INTENSITY TESTING CONDITION: 550nm WAVELENGTH.
 *2. THE ICI STANDARD COLORIMETRIC SYSTEM.

LIMITS OF SAFE OPERATION AT 25°C PER MODULE		
PARAMETER	MAX	UNITS
STEADY CURRENT	80	mA
POWER DISSIPATION	400	mW
DERATE FROM 25°C , PER DIE	-1.2	mW/ $^\circ\text{C}$
OPERATING TEMP.	-20 TO +65	$^\circ\text{C}$
STORAGE TEMP.	-30 TO +75	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY	3 SEC. MAX	

NOTES:

- RED 28 AWG. ANODE WIRE 140mm LONG WITH 5mm STRIPPED END.
- BLACK CATHODE 28 AWG. WIRE 85mm WITH 5mm STRIPPED END.
- 3M URETHANE FOAM TAPE 4116 1/16in., OR EQUIVALENT. CUT 100mm x 25.4mm x 1.6mm.



*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=+0.00 DECIMAL PRECISION MAX.=+0.00 DECIMAL PRECISION

REV.	PART NUMBER	CONFIDENTIAL INFORMATION		LUMEX		290 E. HELEN ROAD	
C	SSB-CEL10555UWW	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.		PALATINE, IL 60067-6976		PHONE: +1.847.359.2790	
103mm x 53mm VIEW AREA, EDGE LIT LED BACKLIGHT, WHITE, 8 CHIPS 5.0V @ 80mA, 180ohms SERIES RESISTOR.		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.		US WEB: www.lumex.com		TW WEB: www.lumex.com.tw	
		DRAWN BY: JD		CHECKED BY:		APPROVED BY:	
						DATE: 7.15.04	
						PAGE: 1 OF 1	
						SCALE: N/A	