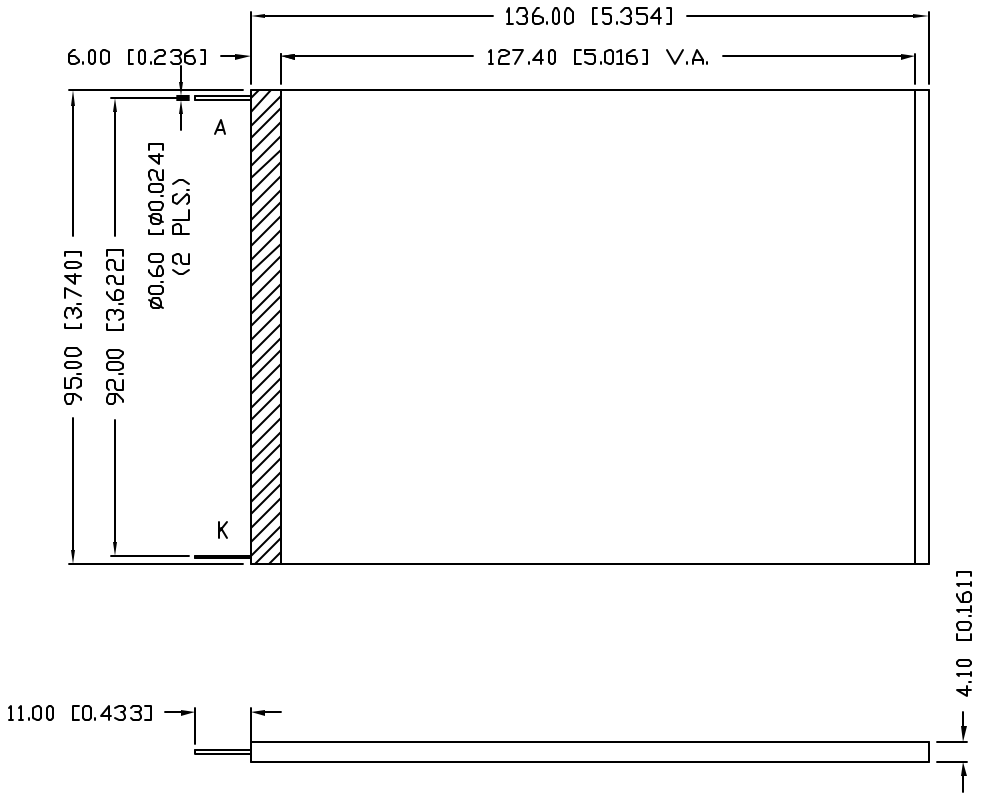
UNCONTROLLED DOCUMENT

PART NUMBER	REV.
SSB-CEL12795UWW-8	



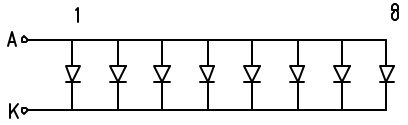
ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C PER MODULE I_f=160mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		–		nm	
FORWARD VOLTAGE		3.3	4	V_f	
REVERSE VOLTAGE	5			V_r	V_r=0.4mA
LUMINOUS INTENSITY(*1)		190		cd/m²	I_f=160mA
CHROMATICITY COORDINATES(*2) X		0.31			
CHROMATICITY COORDINATES(*2) Y		0.32			
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	192	mA
POWER DISSIPATION	0.77	W
DERATE FROM 25°C, PER DIE	–1.2	mW/°C
OPERATING, STORAGE TEMP.	– 40 TO + 85	°C
SOLDERING TEMP.	+ 260	°C
2.0mm FROM BODY		3 SEC. MAX



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*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 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $^{+\text{DECIMAL PRECISION}}_{-0.00}$ MAX.= $^{+0.00}_{-\text{DECIMAL PRECISION}}$

REV.	PART NUMBER	CONFIDENTIAL INFORMATION	LUMEX	290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com TW WEB: www.lumex.com.tw
	SSB-CEL12795UWW-8	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.		
127mm x 95mm VIEW AREA, EDGE LIT LED BACKLIGHT, 8 CHIPS, WHITE, 3.3V @ 160mA		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.	DRAWN BY: JD CHECKED BY: APPROVED BY:	DATE: 10.14.04 PAGE: 1 OF 1 SCALE: N/A

Mouser Electronics

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