

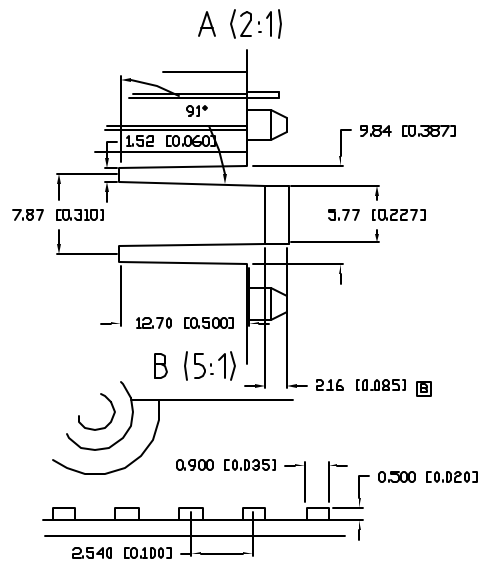
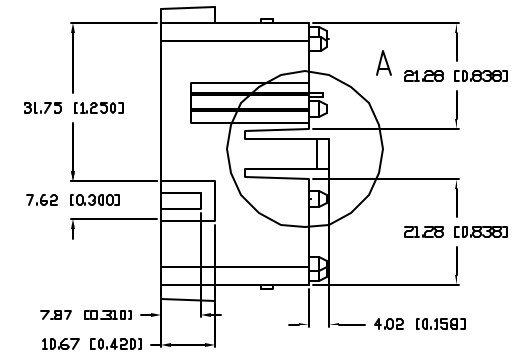
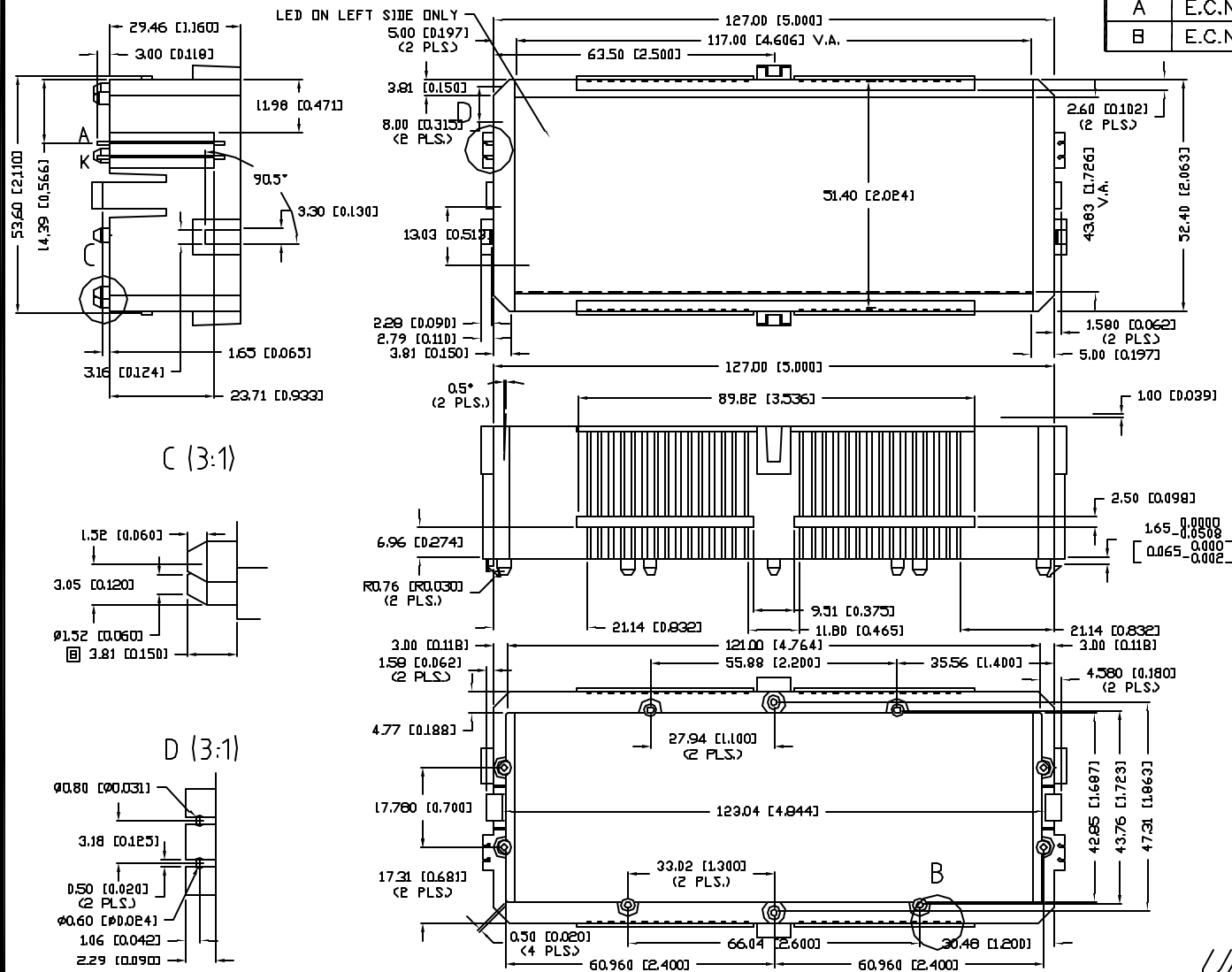
UNCONTROLLED DOCUMENT

PART NUMBER
SSB-CEL11744UWW

REV.

B

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11117.	4.9.04
B	E.C.N. #11180.	11.05.04



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*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.038), 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=+0.000 DECIMAL PRECISION, MAX=-0.000 DECIMAL PRECISION

REV.

B

PART NUMBER

SSB-CEL11744UWW

5" x 2" CUSTOM LED BACKLIGHT, WHITE DIFFUSED.

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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.



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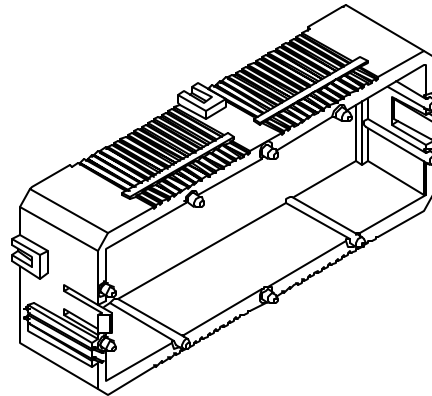
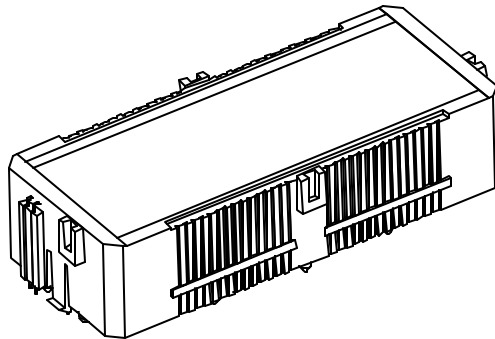
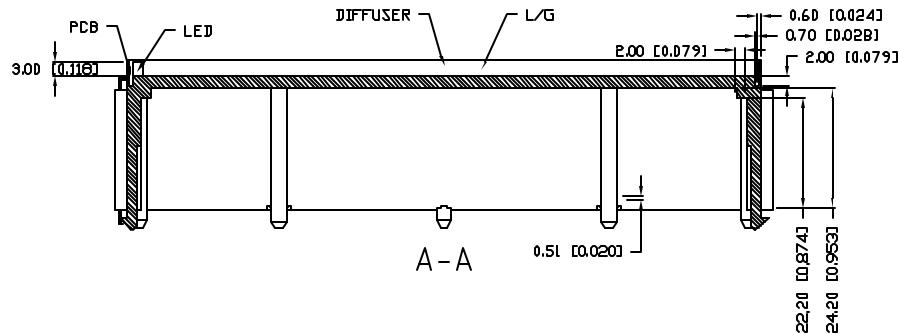
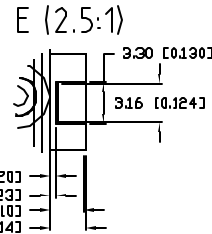
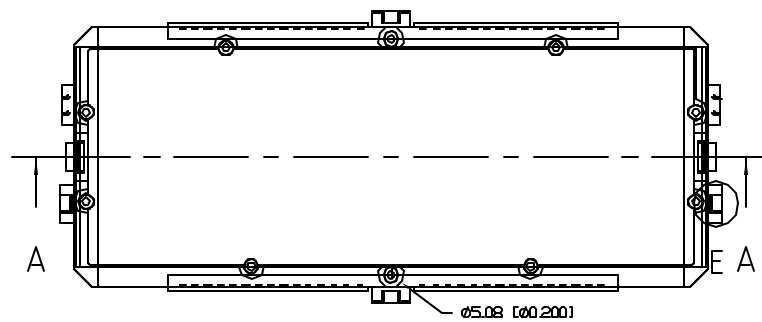
DATE: 10.24.03

PAGE: 1 OF 2

SCALE: N/A

CT

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PART NUMBER		REV.
SSB-CEL11744UWW		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
	SEE PAGE 1.	

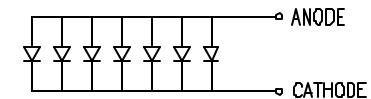
ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ PER MODULE					$I_f=140\text{mA}$
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		550		nm	
FORWARD VOLTAGE		3.2		V_f	
REVERSE VOLTAGE	5			V_r	$I_r=0.7\text{mA}$
LUMINOUS INTENSITY(*1)		300		cd/m^2	$I_f=140\text{mA}$
CHROMATICITY X		0.29			
COORDINATES(*2) Y		0.30			$I_f=140\text{mA}$
EMITTED COLOR: WHITE					
REFLECTOR FINISH: WHITE DIFFUSED					

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

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	260	mA
STEADY CURRENT	140	mA
POWER DISSIPATION	160	mW
OPERATING TEMP.	-40 TO +85	$^\circ\text{C}$
STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX

* $t < 10\mu\text{s}$



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