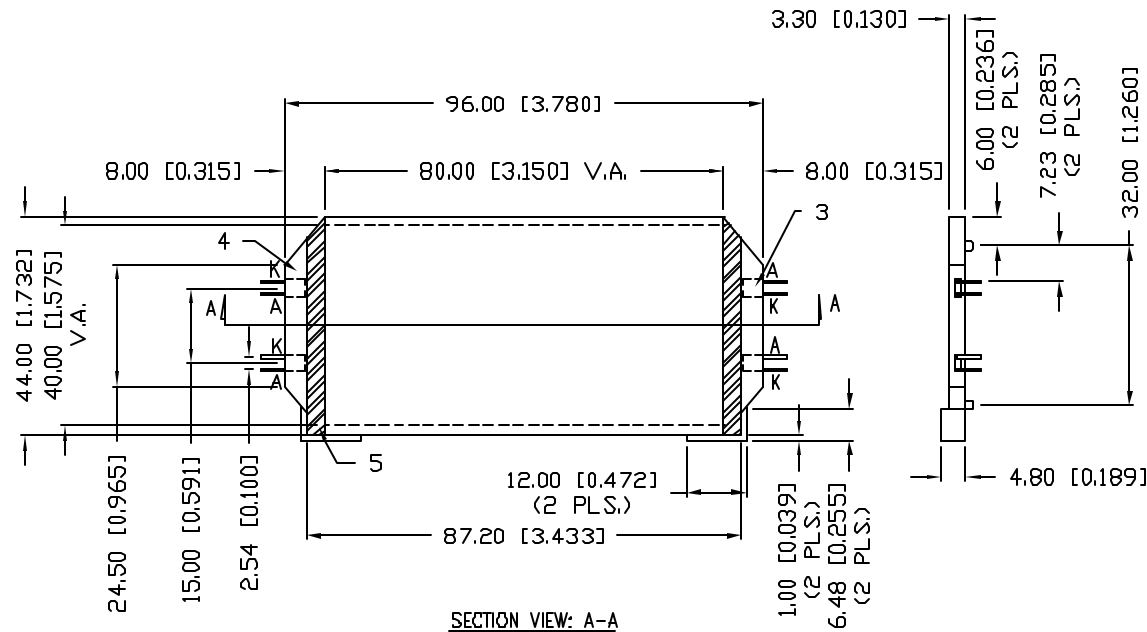


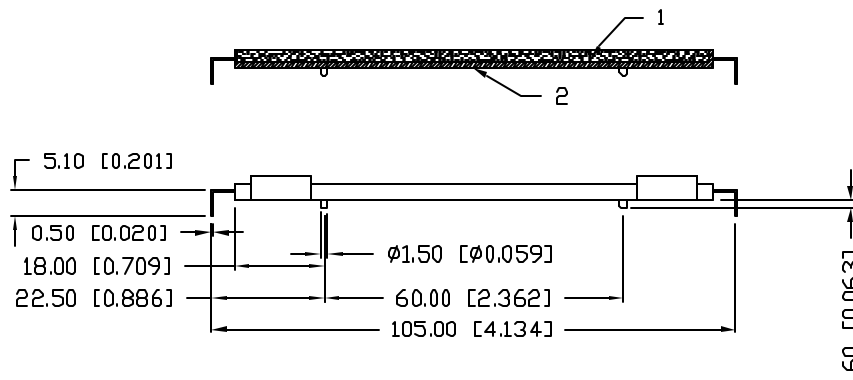
UNCONTROLLED DOCUMENT

PART NUMBER
SSB-CEL8040UWWREV.
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11251.	6.6.05



SECTION VIEW: A-A



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

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ PER MODULE					$I_f=10\text{mA} \times 4$
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH				nm	
FORWARD VOLTAGE		3.5	3.8	V_f	
REVERSE VOLTAGE	5			V_r	$I_r=0.7\text{mA}$
LUMINOUS INTENSITY(*1)		140		cd/m ²	$I_f=10\text{mA} \times 4$
CHROMATICITY X		0.31			
COORDINATES(*2) Y		0.30			$I_f=10\text{mA} \times 4$
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 PER MODULE

PARAMETER	MAX	UNITS
STEADY CURRENT	25 x 4	mA
POWER DISSIPATION	95 x 4	mW
OPERATING TEMP.	-25 TO +85	°C
STORAGE TEMP.	-25 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3 SEC. MAX	

NOTES:

1. LIGHT GUIDE.
2. HOUSING REFLECTOR.
3. SSL-LX123544UWC (4 PCS.).
4. SHADING TAPE.
5. DOUBLE SIDED TAPE.

UNCONTROLLED DOCUMENT

REV.
APART NUMBER
SSB-CEL8040UWW

80mm x 40mm VIEW AREA, CUSTOM EDGE LIT LED BACKLIGHT,
WHITE LED, 4 CHIPS, 3.5V @ 10mA PER CHIP.

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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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