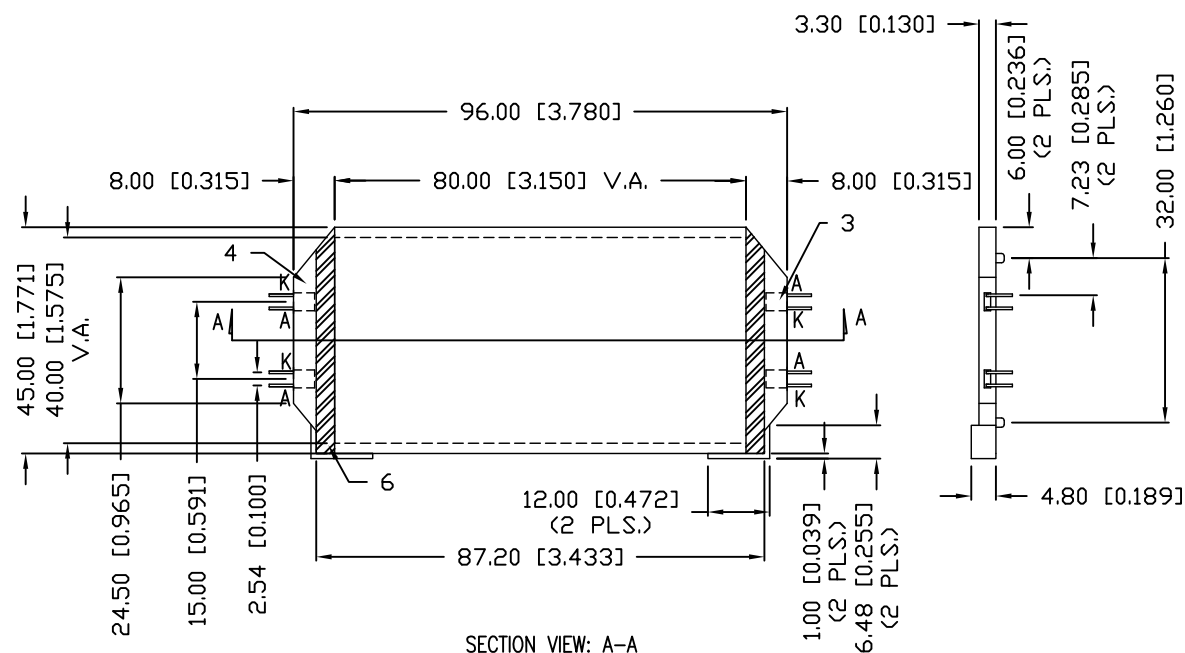
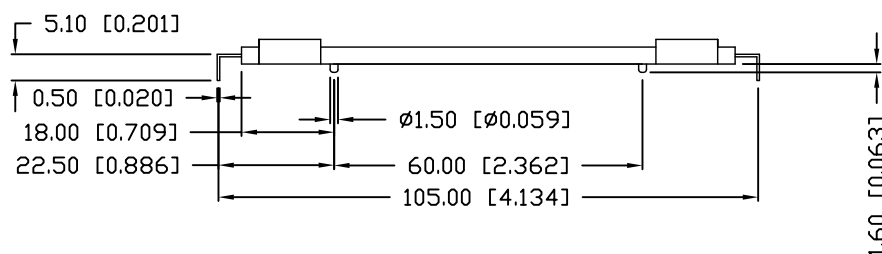
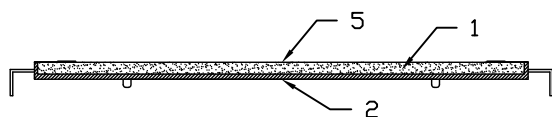




SECTION VIEW: A-A



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

ELECTRO-OPTICAL CHARACTERISTICS T _A =25°C PER MODULE					I _f =10mA x 4
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		470		nm	
FORWARD VOLTAGE		3.5	4.0	V _f	I _f =10mA x 4
REVERSE VOLTAGE	5			V _r	I _r =0.05mA
LUMINOUS INTENSITY(*1)		140		cd/m ²	I _f =10mA x 4
EMITTED COLOR:	BLUE				
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	24 x 4	mA
POWER DISSIPATION	95 x 4	mW
OPERATING TEMP.	-25 TO +70	°C
STORAGE TEMP.	-30 TO +80	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

NOTES:

1. LIGHT GUIDE.
2. HOUSING REFLECTOR.
3. LED LAMP (4 PCS.).
4. SHADING TAPE.
5. DIFFUSER TAPE.
6. DOUBLE SIDED TAPE.

UNCONTROLLED DOCUMENT

REV.

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PART NUMBER

SSB-CEL8040USB

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.



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A

80mm x 40mm VIEW AREA, CUSTOM EDGE LIT LED BACKLIGHT,

BLUE LED, 4 CHIPS, 3.5V @ 10mA PER CHIP.

DRAWN BY:

MA

CHECKED BY:

DT

APPROVED BY:

DT

DATE: 09.27.13

PAGE: 1 OF 1

SCALE: N/A