



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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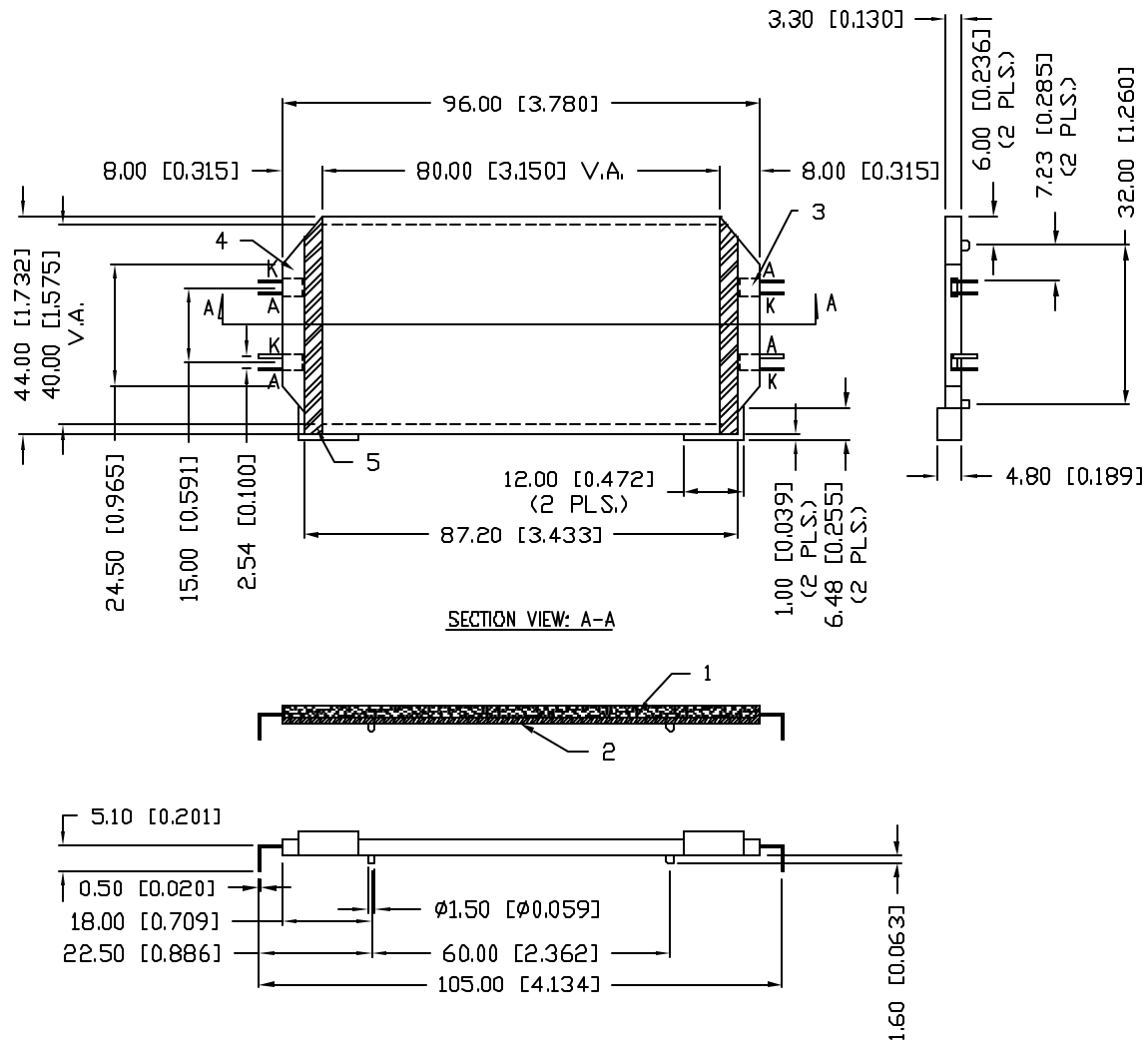
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UNCONTROLLED DOCUMENT

PART NUMBER		REV.
SSB-CEL8040UWW		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11251.	6.6.05



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.

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

REV.	PART NUMBER
A	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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