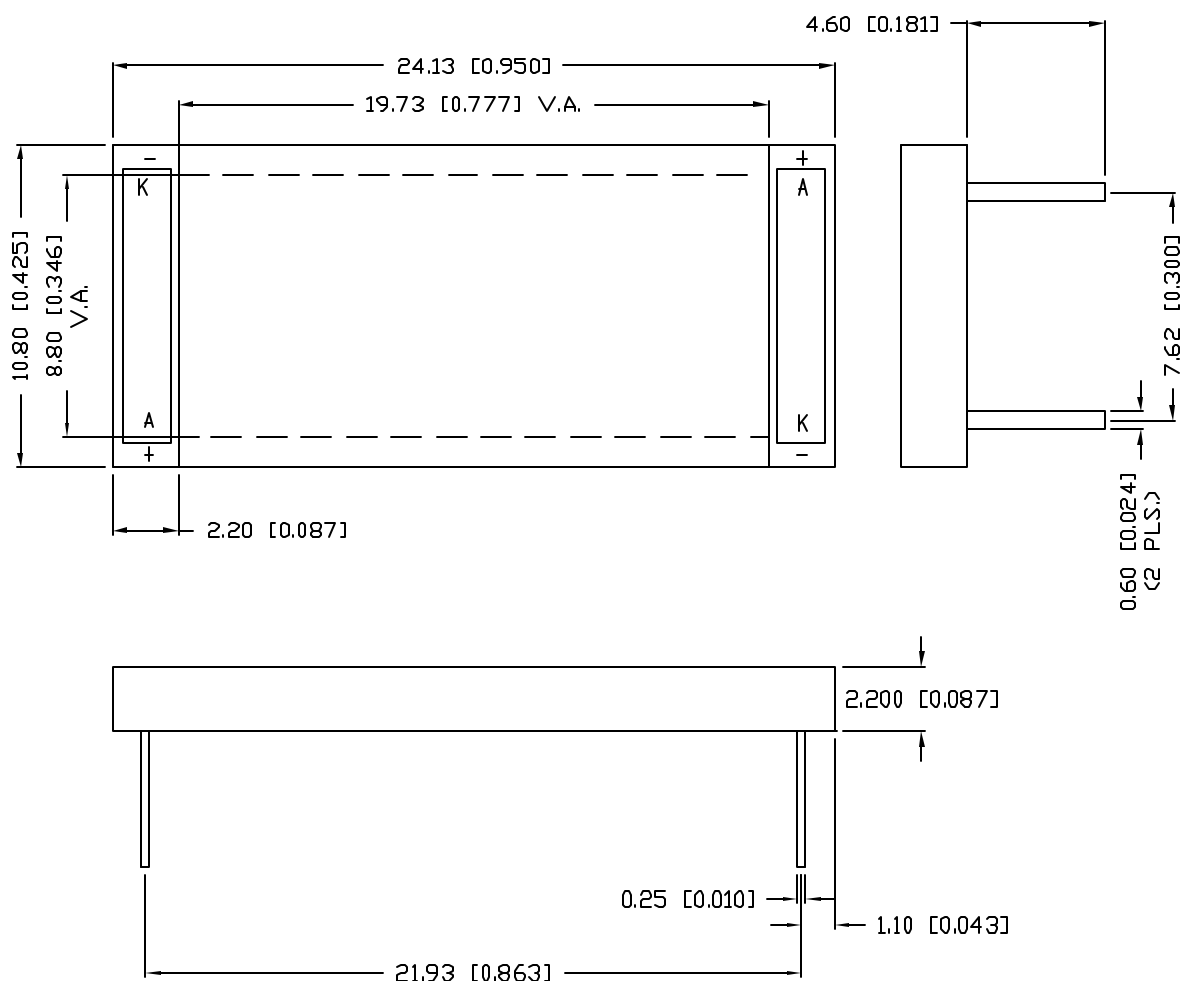


UNCONTROLLED DOCUMENT

PART NUMBER
SSB-DL2110YCREV.
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148.	5.11.07

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ PER MODULE					$I_f=20\text{ mA}$
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		4.2	4.5	V_f	
REVERSE VOLTAGE	5			V_r	$I_r=100\mu\text{A}$
LUMINOUS INTENSITY		10		cd/m^2	$I_f=20\text{ mA}$
EMITTED COLOR:	YELLOW				
REFLECTOR FINISH:	CLEAR WHITE				

LIMITS OF SAFE OPERATION AT 25°C PER MODULE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	0.10	W
DERATE FROM 25°C , PER DIE	-1.0	mW/ $^\circ\text{C}$
OPERATING, 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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*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 -0.00 MAX.=+0.00 -DECIMAL PRECISION

REV.
APART NUMBER
SSB-DL2110YC24mm x 11mm CUSTOM LED BACKLIGHT, 585nm YELLOW,
CLEAR WHITE REFLECTOR.

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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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JC			PAGE: 1 OF 1
			SCALE: N/A