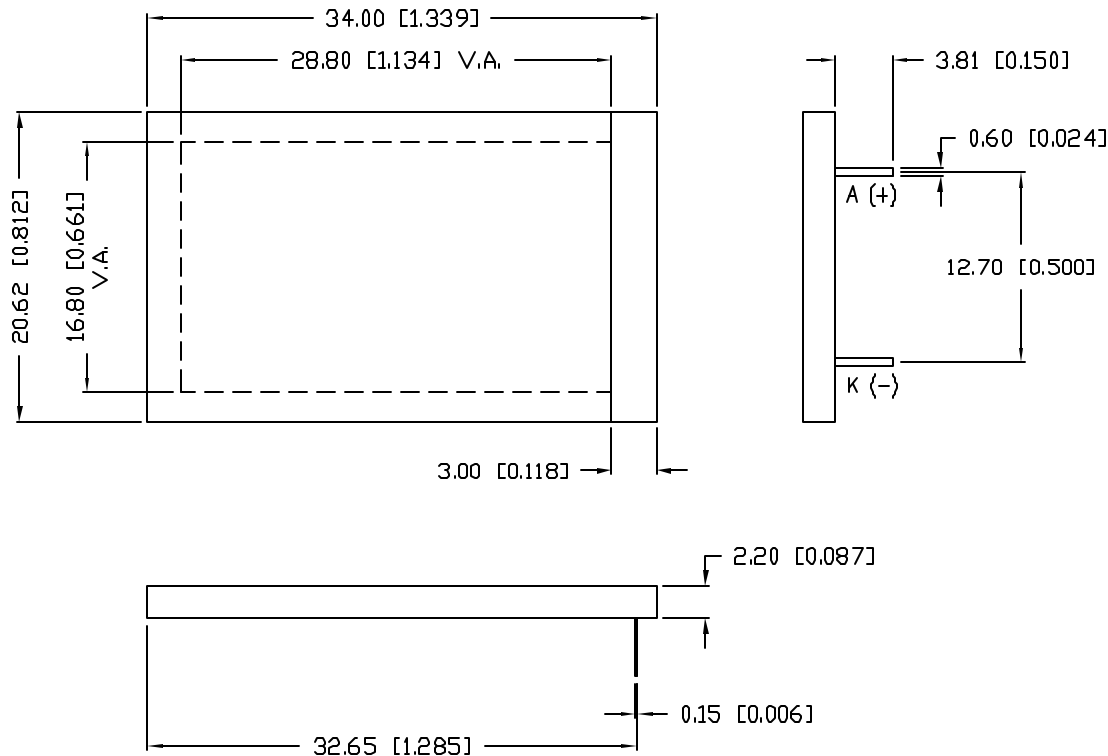


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PART NUMBER  
SSB-DL2917USBCREV.  
A

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		470		nm	
FORWARD VOLTAGE		7.2	8.0	$V_f$	
REVERSE VOLTAGE	16			$V_r$	$V_r=100\mu\text{A}$
LUMINOUS INTENSITY		50		$\text{cd/m}^2$	$I_f=20\text{ mA}$
EMITTED COLOR:	BLUE				
REFLECTOR FINISH:	CLEAR WHITE				
MATERIAL: POLYCARBONATE					

LIMITS OF SAFE OPERATION AT  $25^\circ\text{C}$  PER LED

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT *	100	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	0.24	W
DERATE FROM $25^\circ\text{C}$	-1.0	mW/ $^\circ\text{C}$
OPERATING TEMP.	-20 TO +70	$^\circ\text{C}$
STORAGE TEMP.	-30 TO +80	$^\circ\text{C}$
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), 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

REV.

A

PART NUMBER

SSB-DL2917USBC

34mm x 21mm EDGE LIT LED BACKLIGHT,  
470nm BLUE LEDS, CLEAR 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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