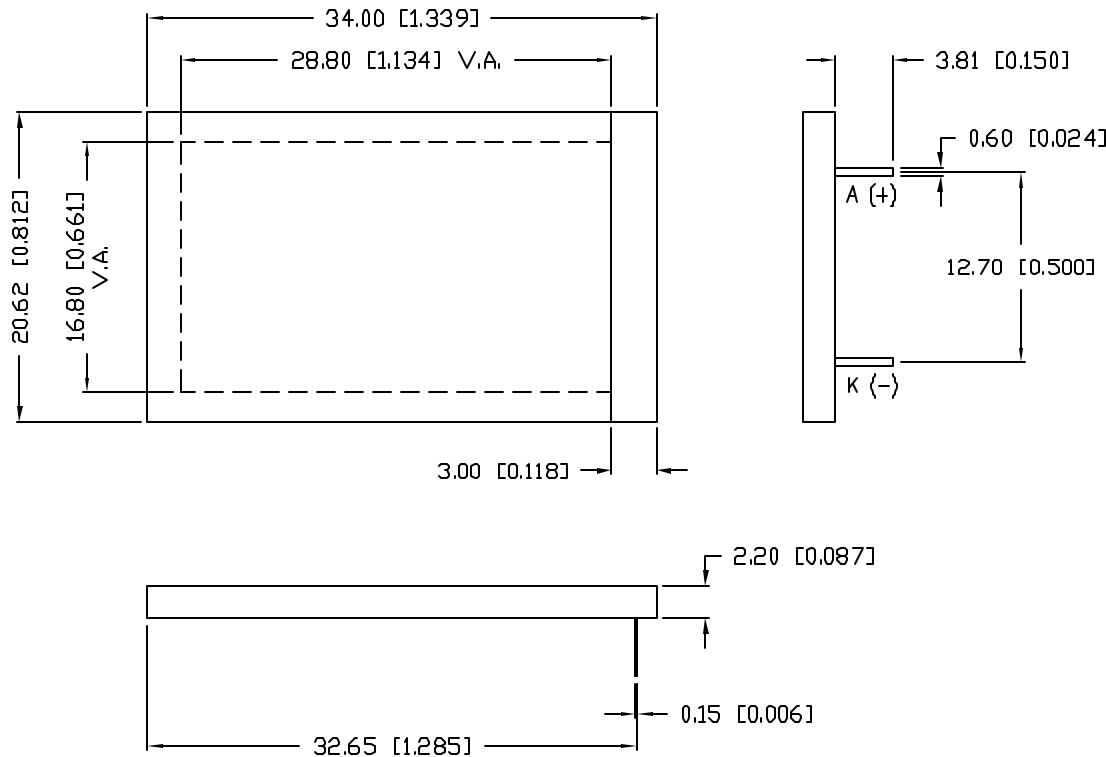


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PART NUMBER  
SSB-DL2917USBC

REV.  
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 <sub>f</sub>	
REVERSE VOLTAGE	16			V <sub>r</sub>	V <sub>r</sub> =100μA
LUMINOUS INTENSITY		50		cd/m <sup>2</sup>	I <sub>f</sub> =20 mA
EMITTED COLOR:	BLUE				
REFLECTOR FINISH:	CLEAR WHITE				
MATERIAL:	POLYCARBONATE				

LIMITS OF SAFE OPERATION AT 25°C PER LED

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT *	100	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	0.24	W
DERATE FROM 25°C	-1.0	mW/°C
OPERATING TEMP.	-20 TO +70	°C
STORAGE TEMP.	-30 TO +80	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

\* t<10μS

\*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= <sup>+0.00</sup> <sub>-0.00</sub> DECIMAL PRECISION MAX= <sup>+0.00</sup> <sub>-0.00</sub> DECIMAL PRECISION

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REV. A	PART NUMBER SSB-DL2917USBC
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34mm x 21mm EDGE LIT LED BACKLIGHT,  
470m BLUE LEDS, CLEAR REFLECTOR.

**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.

DRAWN BY: JC	CHECKED BY:	APPROVED BY:	DATE: 8.8.03
			PAGE: 1 OF 1
			SCALE: N/A