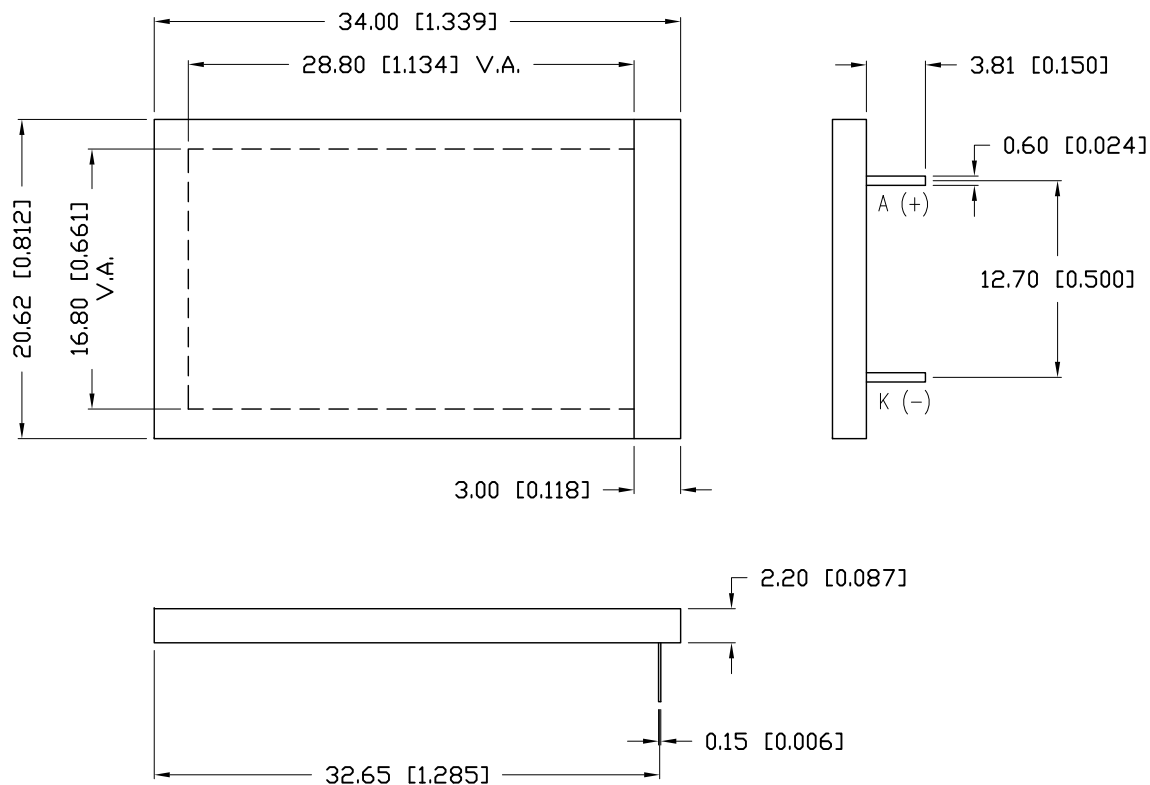


PART NUMBER	SSB-DL2917USBC	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
05.11.07	E.C.N. #11148.		A
03.01.13	E.C.N. #10BRDR. & REDRAWN.		B

A



ELECTRO—OPTICAL CHARACTERISTICS T _A =25°C PER MODULE					I _f = 20 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 =100μA
LUMINOUS INTENSITY		50		cd/m ²	I _f = 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	$\text{mW}/^\circ\text{C}$
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

* $t < 10\mu\text{s}$

*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= $\frac{+0.00}{-0.00}$ DECIMAL PRECISION MAX.= $\frac{+0.00}{-0.00}$ DECIMAL PRECISION

UNCONTROLLED DOCUMENT

34mm x 21mm EDGE LIT LED BACKLIGHT, 470m BLUE LEDS, CLEAR REFLECTOR.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE:	03.01.13	DRAWN BY:	MA
PAGE:	1 OF 1	CHKD BY:	JD
SCALE:	NTS	APRVD BY:	JD
UNIT:	mm [INCH]		(Pb)