

UNCONTROLLED DOCUMENT COMPANY CONFIDENTIAL

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SC:1.5

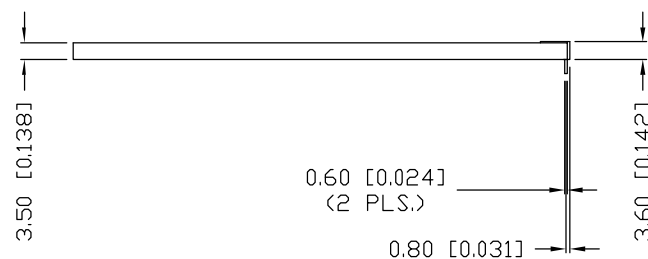
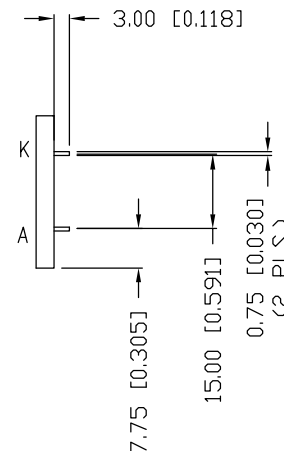
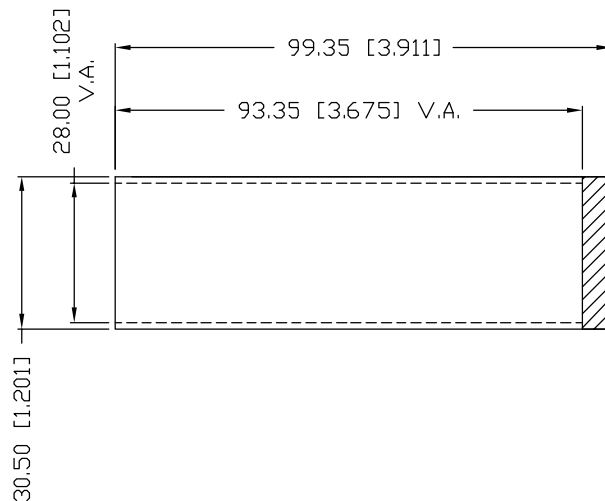
PART NUMBER

REV.

SSB-CEL9328USBW

NOT A TOOLED PART

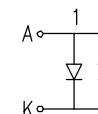
PRELIMINARY IN P/N DIR



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ PER MODULE					$I_f=40\text{ mA}$	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND	
PEAK WAVELENGTH		470		nm		
FORWARD VOLTAGE		3.2	3.5	V_f		
REVERSE VOLTAGE	5			V_r	$I_r=.15\text{mA}$	
LUMINOUS INTENSITY		35		cd/m^2	$I_f=40\text{ mA}$	
EMITTED COLOR:	BLUE					
REFLECTOR FINISH:	CLEAR WHITE WITH DIFFUSER					

LIMITS OF SAFE OPERATION AT 25°C PER MODULE

PARAMETER	MAX	UNITS
STEADY CURRENT	45	mA
POWER DISSIPATION	153	W
DERATE FROM 25°C , PER DIE	-1.2	$\text{mW}/^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX



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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

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CONFIDENTIAL INFORMATION

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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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93mm x 28mm VIEW AREA, EDGE LIT LED BACKLIGHT,
2 CHIPS, 470nm BLUE, 3.2V @ 40mA

DRAWN BY:

JN

CHECKED BY:

APPROVED BY:

DATE: 11.11.08

PAGE: 1 OF 1

SCALE: N/A