

UNCONTROLLED DOCUMENT

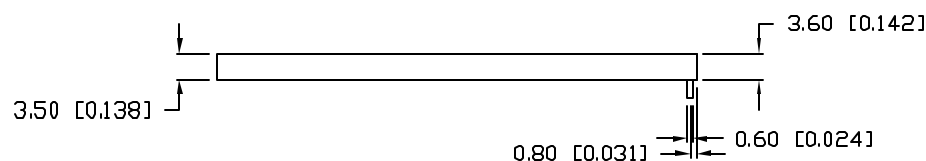
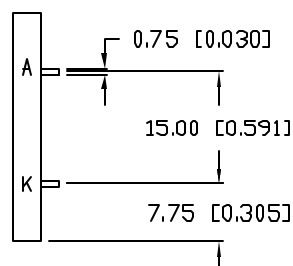
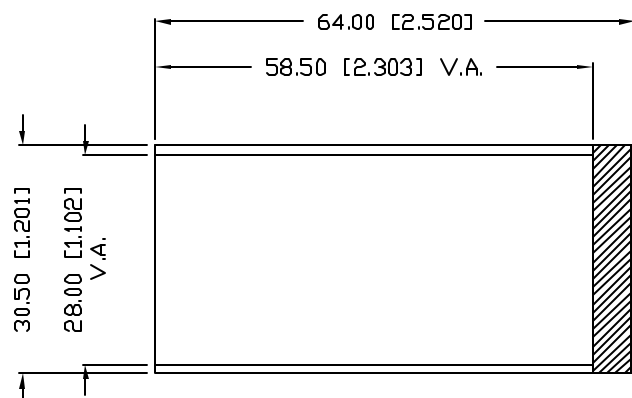
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PART NUMBER

REV.

SSB-CEL5928USBW

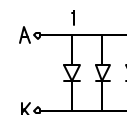
PRELIMINARY IN P/N DIR



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ PER MODULE $I_f=60\text{ mA}$				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH		470		nm
FORWARD VOLTAGE		3.3	4	V_f
REVERSE VOLTAGE	5			V_r
LUMINOUS INTENSITY		35		cd/m^2
EMITTED COLOR:	BLUE			
REFLECTOR FINISH:	CLEAR WHITE WITH DIFFUSER			

LIMITS OF SAFE OPERATION AT 25°C PER MODULE

PARAMETER	MAX	UNITS
STEADY CURRENT	72	mA
POWER DISSIPATION	0.29	W
DERATE FROM 25°C , PER DIE	-1.2	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), 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

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59mm x 28mm VIEW AREA, EDGE LIT LED BACKLIGHT,
3 CHIPS, 470nm BLUE, 3.3V @ 60mA.

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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JD

PAGE: 1 OF 1

SCALE: N/A