

UNCONTROLLED DOCUMENT

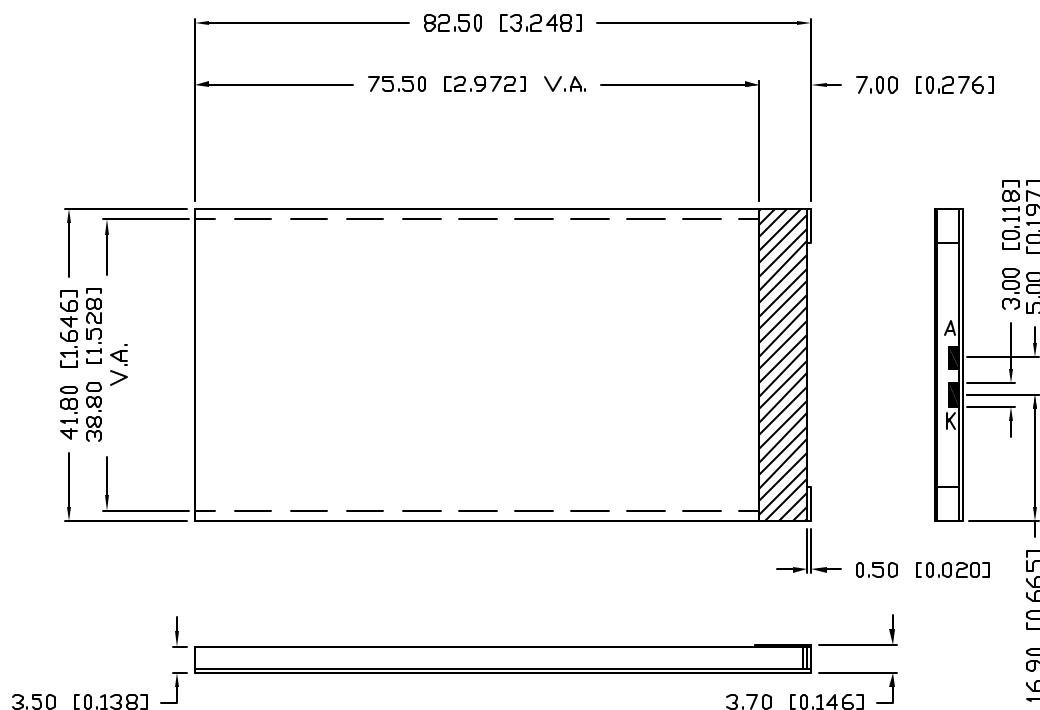
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PART NUMBER

REV.

SSB-CEL7639USBW

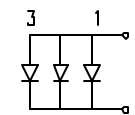
PRELIMINARY IN P/N DIR



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ PER MODULE					$I_f = 60\text{ mA}$
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		470		nm	
FORWARD VOLTAGE		3.3	4.0	V_f	
REVERSE VOLTAGE	5			V_r	$I_r = 15\text{ mA}$
LUMINOUS INTENSITY		95		cd/m^2	$I_f = 60\text{ mA}$
EMITTED COLOR:	BLUE				
REFLECTOR FINISH:	WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER MODULE

PARAMETER	MAX	UNITS
STEADY CURRENT	60	mA
POWER DISSIPATION	.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: $X=\pm 1$ (± 0.039), $XX=\pm 0.5$ (± 0.020), $XXX=\pm 0.25$ (± 0.010), $XXXX=\pm 0.127$ (± 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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76mm x 39mm VIEW AREA, EDGE LIT LED BACKLIGHT,
3 CHIPS, 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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SCALE: N/A

JD