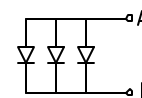
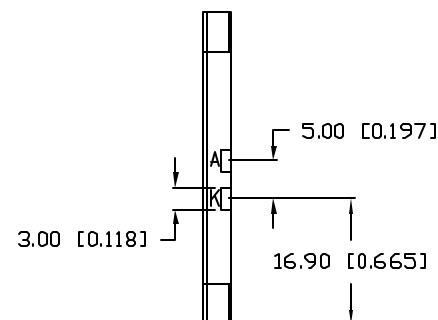
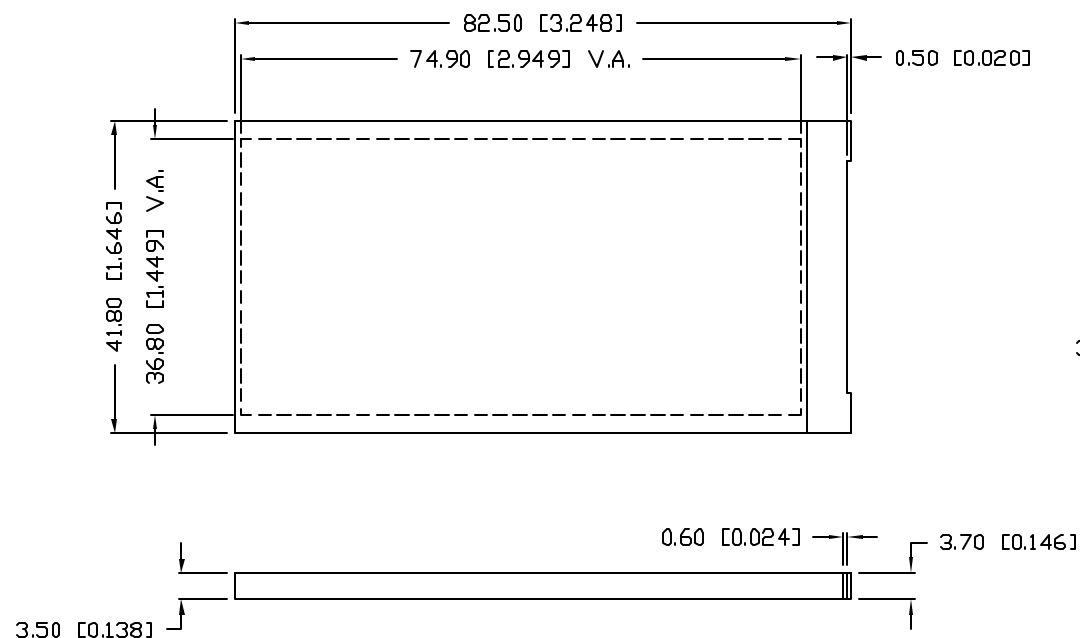


SSB-CEL7537UWW

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		WHITE		nm	
FORWARD VOLTAGE		3.5	4.0	V_f	
REVERSE VOLTAGE	5			V_r	$V_r=100\mu\text{A}$
LUMINOUS INTENSITY		200		cd/m^2	$I_f=60\text{ mA}$
EMITTED COLOR:	WHITE				
REFLECTOR FINISH:					

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	20	mA
POWER DISSIPATION	120	mW
DERATE FROM 25°C	-0.25	$\text{mW}/^\circ\text{C}$
OPERATING, STORAGE TEMP.	-20 TO +70	$^\circ\text{C}$
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: $X=\pm 1$ (± 0.039), $XX=\pm 0.5$ (± 0.020), $XXX=\pm 0.25$ (± 0.010), $XXXX=\pm 0.127$ (± 0.005). LEAD SIZE $=\pm 0.05$ (± 0.002), LEAD LENGTH $=\pm 0.75$ (± 0.030). MIN = +DECIMAL PRECISION MAX = +0.00 -DECIMAL PRECISION

REV.

PART NUMBER

SSB-CEL7537UWW

75mm x 37mm WHITE LED BACKLIGHT,

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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PAGE: 1 OF 1

SCALE: N/A

CT