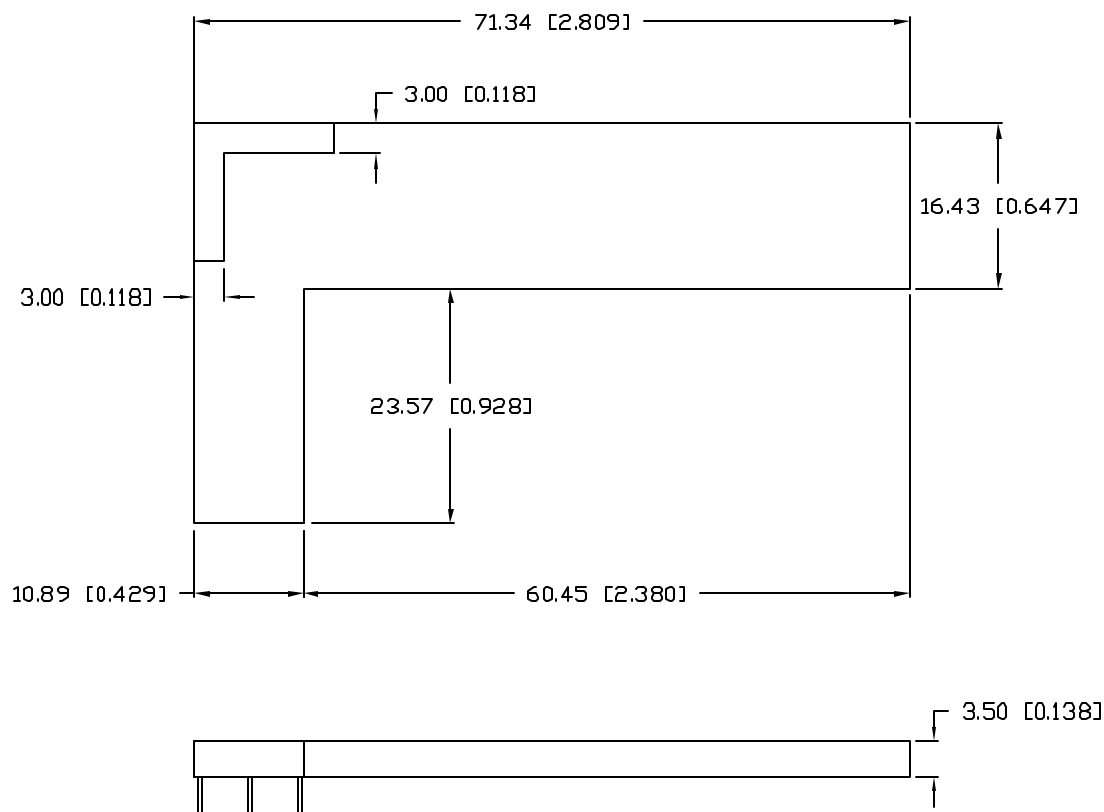


PRELIMINARY IN P/N DIR



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		3.6	4.0	V _f	
REVERSE VOLTAGE	16			V _r	V _r = 100µA
LUMINOUS INTENSITY		15		cd/m ²	I _f = 10 mA
EMITTED COLOR:	BLUE				
REFLECTOR FINISH:	WHITE DIFFUSED				
MATERIAL: POLYCARBONATE					

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT *	100	mA
STEADY CURRENT	20	mA
POWER DISSIPATION	80	mW
DERATE FROM 25°C	-1.0	$\text{mW}/^\circ\text{C}$
OPERATING TEMP.	-30 TO +60	$^\circ\text{C}$
STORAGE TEMP.	-30 TO +60	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY	3 SEC. MAX	

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

UNCONTROLLED DOCUMENT

*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

REV.

PART NUMBER

P1

SSB-CEL7140USBW

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EDGE LIT LED BACKLIGHT, 470nm BLUE, 2 CHIPS.

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.

DRAWN BY:

SA/GB

CHECKED BY:

APPROVED BY:

DATE: 10.8.02

PAGE: 1 OF 1

SCALE: N/A