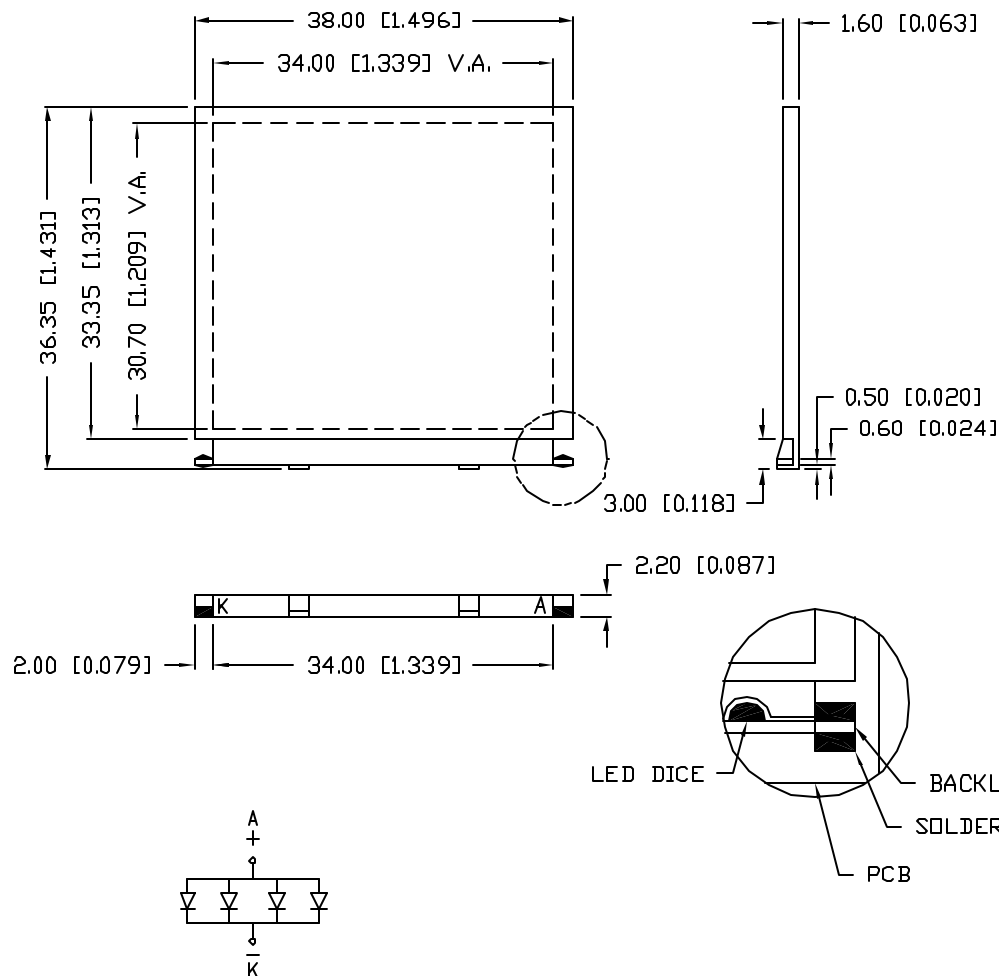


PRELIMINARY IN P/N DIR

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.1	2.6	V_f	
REVERSE VOLTAGE	5			V_r	$V_r=100\mu\text{A}$
LUMINOUS INTENSITY		7.0		cd/m^2	$I_f=60\text{ mA}$
EMITTED COLOR:	RED				
REFLECTOR FINISH:	CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	5	mA
POWER DISSIPATION	80	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING TEMP.	-30 TO +60	$^\circ\text{C}$
STORAGE TEMP.	-40 TO +60	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY	3 SEC. MAX	

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

LED DICE
BACKLIGHTS PCB
SOLDER PAD
PCB

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=+0.00 DECIMAL PRECISION MAX.=+0.00 DECIMAL PRECISION

REV.

P1

PART NUMBER

SSB-CET3430IC

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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.



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
US WEB: www.lumex.com
TW WEB: www.lumex.com.tw

34mm x 30mm EDGE LIT EXTRA THIN LED BACKLIGHT,
635nm RED LED, 4 CHIPS.

DRAWN BY:

GT

CHECKED BY:

APPROVED BY:

DATE: 11.6.02

PAGE: 1 OF 1

SCALE: N/A