

UNCONTROLLED DOCUMENT

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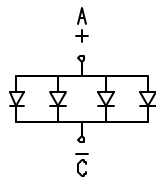
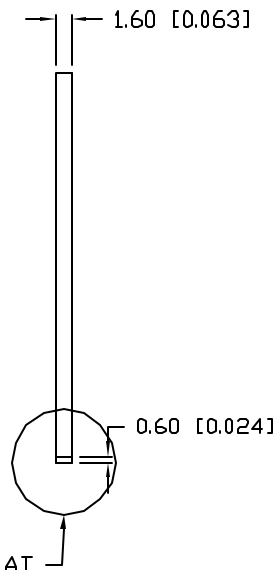
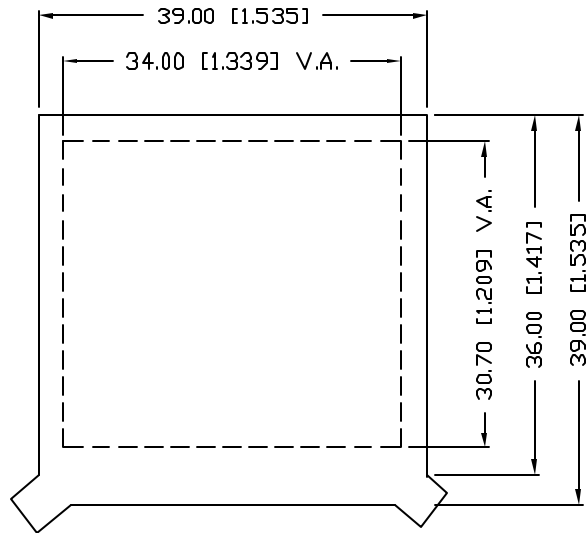
PART NUMBER

REV.

SSB-CET3430GC

P1

PRELIMINARY IN P/N DIR

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		4.4	5.2	V_f	
REVERSE VOLTAGE	5			V_r	$V_r=100\mu\text{A}$
LUMINOUS INTENSITY		TBA		cd/m^2	$I_f=30\text{ mA}$
EMITTED COLOR:	GREEN				
REFLECTOR FINISH:	CLEAR				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	20	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	

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

NOTES:

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*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X=\pm 1$ (± 0.039), $X.X=\pm 0.5$ (± 0.020), $X.XX=\pm 0.25$ (± 0.010), $X.XXX=\pm 0.127$ (± 0.005). LEAD SIZE= ± 0.05 (± 0.002), LEAD LENGTH= ± 0.75 (± 0.030). MIN= $\begin{matrix} +\text{DECIMAL PRECISION} \\ -0.00 \end{matrix}$ MAX= $\begin{matrix} +0.00 \\ -\text{DECIMAL PRECISION} \end{matrix}$

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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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34mm x 30mm EDGE LIT EXTRA THIN LED BACKLIGHT,
565nm GREEN LED, 4 CHIPS.

DRAWN BY:

GT

CHECKED BY:

APPROVED BY:

DATE: 9.20.02

PAGE: 1 OF 1

SCALE: N/A