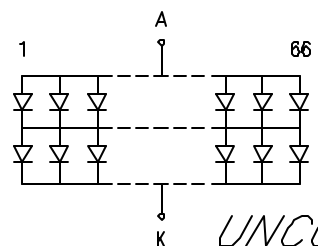


ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^\circ\text{C}$  PER MODULE  $I_f=600\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590		nm	
FORWARD VOLTAGE		4.2	4.5	$V_f$	
REVERSE VOLTAGE	8			$V_r$	$I_r=700\mu\text{A}$
LUMINOUS INTENSITY		690		$\text{cd}/\text{m}^2$	$I_f=660\text{mA}$
EMITTED COLOR:	SUPER YELLOW				
REFLECTOR FINISH:	WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT  $25^\circ\text{C}$  PER MODULE

PARAMETER	MAX	UNITS
STEADY CURRENT	1056	mA
POWER DISSIPATION	4.75	W
DERATE FROM $25^\circ\text{C}$ PER DIE	-1.2	$\text{mW}/^\circ\text{C}$
OPERATING TEMP.	-40 TO +85	$^\circ\text{C}$
STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX



\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN= <sup>+DECIMAL PRECISION</sup> <sub>-0.00</sub> MAX= <sup>+0.00</sup> <sub>-DECIMAL PRECISION</sub>

UNCONTROLLED DOCUMENT

REV.	PART NUMBER <b>SSB-COB13340SYW-B</b>
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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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133mm x 40mm V.A. SUPER YELLOW LED BACKLIGHT,  
 CHIPS ON BOARD, 132 CHIPS, 4.2V @ 660mA

DRAWN BY: JD	CHECKED BY:	APPROVED BY:	DATE: 7.13.04
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