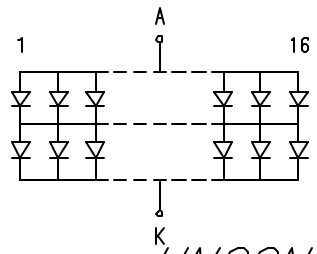


ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^{\circ}\text{C}$  PER MODULE  $I_f=160\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		4.2	4.5	V <sub>f</sub>	
REVERSE VOLTAGE	8			V <sub>r</sub>	I <sub>r</sub> =1.6mA
LUMINOUS INTENSITY		250		cd/m <sup>2</sup>	I <sub>f</sub> =160mA
EMITTED COLOR:	GREEN				
REFLECTOR FINISH:	WHITE				

LIMITS OF SAFE OPERATION AT 25°C PER MODULE

PARAMETER	MAX	UNITS
STEADY CURRENT	255	mA
POWER DISSIPATION	1.15	W
DERATE FROM 25°C PER DIE	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°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= +DECIMAL PRECISION -0.00 MAX.= +0.00 -DECIMAL PRECISION

REV.	PART NUMBER SSB-COB10114GW
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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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101mm x 14mm VIEW AREA, CHIP ON BOARD LED BACKLIGHT,  
32 CHIPS, 565nm GREEN, 4.2V @ 160mA

DRAWN BY: BC	CHECKED BY:	APPROVED BY:	DATE: 6.8.04 PAGE: 1 OF 1 SCALE: N/A
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