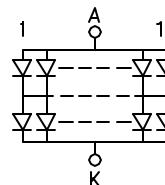


ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ PER MODULE				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH	565			nm
FORWARD VOLTAGE	4.2	4.5		V_f
REVERSE VOLTAGE	8			V_r
LUMINOUS INTENSITY	235			cd/m^2
EMITTED COLOR:	GREEN			
REFLECTOR FINISH:	WHITE			

LIMITS OF SAFE OPERATION AT 25°C PER MODULE

PARAMETER	MAX	UNITS
STEADY CURRENT	225	mA
POWER DISSIPATION	1.01	W
DERATE FROM 25°C , PER DIE	-1.2	$\text{mW}/^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3 SEC. MAX	

2 CHIPS IN SERIES
13 PARALLEL BRANCHES

REV.	PART NUMBER	CONFIDENTIAL INFORMATION	LUMEX	290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com TW WEB: www.lumex.com.tw
	SSB-COB6518GW	THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.		DRAWN BY: JD CHECKED BY: APPROVED BY: DATE: 7.14.04 PAGE: 1 OF 1 SCALE: N/A
65mm x 18mm VIEW AREA, CHIP ON BOARD LED BACKLIGHT, 565nm GREEN, 26 CHIPS, 4.2V @ 130mA		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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