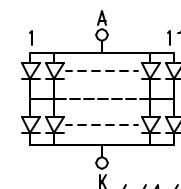


ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ PER MODULE					$I_f=110\text{mA}$
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		4.2	4.5	$V_f$	
REVERSE VOLTAGE	8			$V_r$	$I_r=1.1\text{mA}$
LUMINOUS INTENSITY		195		$\text{cd/m}^2$	$I_f=110\text{mA}$
EMITTED COLOR:	GREEN				
REFLECTOR FINISH:	WHITE				

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

PARAMETER	MAX	UNITS
STEADY CURRENT	270	mA
POWER DISSIPATION	1.21	W
DERATE FROM $25^\circ\text{C}$ , PER DIE	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY	3 SEC. MAX	

2 CHIPS IN SERIES  
11 PARALLEL BRANCHES

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

REV.

PART NUMBER

SSB-COB6119GW

61mm x 19mm VIEW AREA, CHIP ON BOARD LED BACKLIGHT,

565nm GREEN, 22 CHIPS, 4.2V @ 110mA

## CONFIDENTIAL INFORMATION

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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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