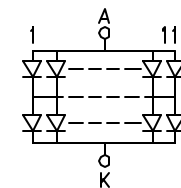


ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ PER MODULE $I_f=1100\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		4.2	4.5	V_f	
REVERSE VOLTAGE	8			V_r	$I_r=11.0\text{mA}$
LUMINOUS INTENSITY		340		cd/m^2	$I_f=1100\text{mA}$
EMITTED COLOR:	GREEN				
REFLECTOR FINISH:	WHITE				

LIMITS OF SAFE OPERATION AT 25°C PER MODULE

PARAMETER	MAX	UNITS
STEADY CURRENT	2200	mA
POWER DISSIPATION	9.9	W
DERATE FROM 25°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
110 PARALLEL BRANCHES

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

REV.

PART NUMBER

SSB-COB11667GW

116mm x 67mm VIEW AREA, CHIP ON BOARD LED BACKLIGHT,
565nm GREEN, 220 CHIPS, 4.2V @ 1110mA.

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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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