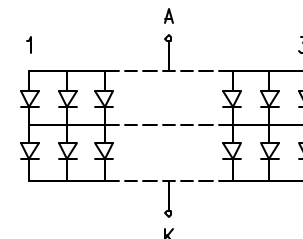


PART NUMBER
SSB-COB15518GW

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ PER MODULE					$I_f=310\text{mA}$
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		4.2	4.5	V_f	
REVERSE VOLTAGE	8			V_r	$I_f=3.1\text{mA}$
LUMINOUS INTENSITY		190		cd/m^2	$I_f=310\text{mA}$
EMITTED COLOR:	GREEN				
REFLECTOR FINISH:	WHITE				

PARAMETER	MAX	UNITS
STEADY CURRENT	496	mA
POWER DISSIPATION	2.23	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



^K UNCONTROLLED DOCUMENT

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

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155mm x 18mm VIEW AREA, CHIP ON BOARD LED BACKLIGHT,
62 CHIPS, 565nm GREEN, 4.2V @ 310mA

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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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SCALE: N/A