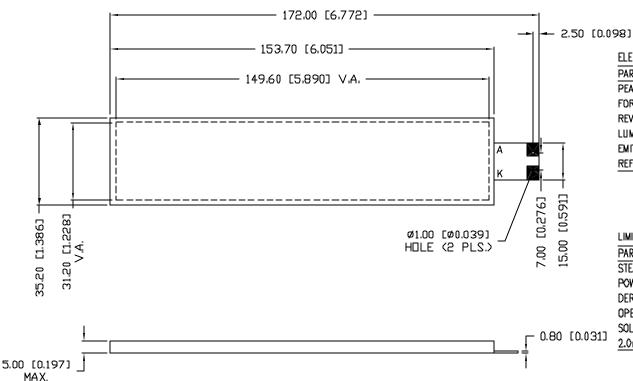
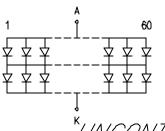
SSB-COB15031GW



ELECTRO-OPTICAL CHARACTERISTICS T_A =25°C PER MODULE I_f =600 mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		4.2	4.5	V_{f}	
REVERSE VOLTAGE	8			٧r	$I_r = 6mA$
LUMINOUS INTENSITY		259		cd/m ²	lf=60DmA
EMITTED COLOR:	GREEN				
REFLECTOR FINISH:	WHITE				

LIMITS OF SAFE OPERATION AT 25°C PER MODULE

PARAMETER	MAX	UNITS
STEADY CURRENT	1200	mA
POWER DISSIPATION	5.4	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



2 CHIPS IN SERIES 60 PARALLEL BRANCHES

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECINAL 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), NN= +0ECINAL PRECISION NAX. = +0.00 NAX. = +

PART NUMBER

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150mm x 31mm VIEW AREA, CHIPS ON BOARD LED BACKLIGHT 565nm GREEN, 120 CHIPS, 4.2V @ 600mA

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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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