

PART NUMBER
SSB-COB6618GW/A

Technical drawing of a rectangular plate with dimensions and labels. The drawing includes a top view and a side view.

Top View Dimensions:

- Overall width: 77.00 [3.031]
- Width to center of hole A: 74.00 [2.913]
- Width to center of hole K: 69.00 [2.717]
- Width to center of hole K (V.A.): 66.00 [2.598] V.A.
- Overall height: 24.00 [0.945]
- Height to center of hole A: 18.40 [0.724]
- Height to center of hole K (V.A.): 18.40 [0.724] V.A.

Top View Labels:

- Hole A: A
- Hole K: K
- Dimension line for hole diameter: $\varnothing 3.00$ [$\varnothing 0.118$] (2 PLS.)

Side View Dimensions:

- Overall thickness: 15.00 [0.591]
- Thickness to center of hole A: 9.00 [0.354]
- Thickness to center of hole K: 9.00 [0.354]

Side View Labels:

- Dimension line for hole diameter: $\varnothing 3.00$ [$\varnothing 0.118$] (2 PLS.)

Bottom View Dimensions:

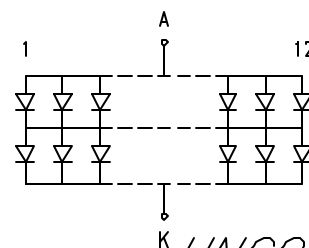
- Overall width: 77.00 [3.031]
- Width to center of hole A: 74.00 [2.913]
- Width to center of hole K: 69.00 [2.717]
- Width to center of hole K (V.A.): 66.00 [2.598] V.A.
- Overall height: 24.00 [0.945]
- Height to center of hole A: 18.40 [0.724]
- Height to center of hole K (V.A.): 18.40 [0.724] V.A.

Bottom View Labels:

- Hole A: A
- Hole K: K
- Dimension line for hole diameter: $\varnothing 3.00$ [$\varnothing 0.118$] (2 PLS.)

ELECTRO-OPTICAL CHARACTERISTICS T _A =25°C PER MODULE					I _f =120mA
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 =1.2mA
LUMINOUS INTENSITY		50		cd/m ²	I _f =120mA
EMITTED COLOR:	GREEN				
REFLECTOR FINISH:	WHITE				

PARAMETER	MAX	UNITS
STEADY CURRENT	192	mA
POWER DISSIPATION	0.86	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
12 PARALLEL BRANCHES

*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 MAX.=+0.00
-0.00
-DECIMAL PRECISION

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66mm x 18mm VIEW AREA, CHIP ON BOARD LED BACKLIGHT,
24 CHIPS, 565nm GREEN, 4.2V @ 120mA

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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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BC

PAGE: 1 OF 1

SCALE: N/A
