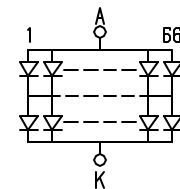


ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^\circ\text{C}$  PER MODULE  $I_f=660\text{mA}$

| PARAMETER          | MIN   | TYP | MAX | UNITS                  | TEST COND          |
|--------------------|-------|-----|-----|------------------------|--------------------|
| PEAK WAVELENGTH    |       | 565 |     | nm                     |                    |
| FORWARD VOLTAGE    |       | 4.2 | 4.5 | $V_f$                  |                    |
| REVERSE VOLTAGE    | 8     |     |     | $V_r$                  | $I_f=6.6\text{mA}$ |
| LUMINOUS INTENSITY |       | 250 |     | $\text{cd}/\text{m}^2$ | $I_f=660\text{mA}$ |
| EMITTED COLOR:     | GREEN |     |     |                        |                    |
| REFLECTOR FINISH:  | WHITE |     |     |                        |                    |

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

| PARAMETER                                | MAX        | UNITS                      |
|--|------------|----------------------------|
| STEADY CURRENT                           | 1056       | mA                         |
| POWER DISSIPATION                        | 4.75       | W                          |
| DERATE FROM $25^\circ\text{C}$ , PER DIE | -1.2       | $\text{mW}/^\circ\text{C}$ |
| 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  
66 PARALLEL BRANCHES

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL 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), MIN= <sup>+DECIMAL PRECISION</sup> <sub>-0.00</sub> MAX.= <sup>+0.00</sup> <sub>-DECIMAL PRECISION</sub>

REV.

PART NUMBER

SSB-COB13340GW

133mm x 40mm VIEW AREA, CHIP ON BOARD LED BACKLIGHT,  
565nm GREEN, 132 CHIPS, 4.2V @ 660mA.

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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