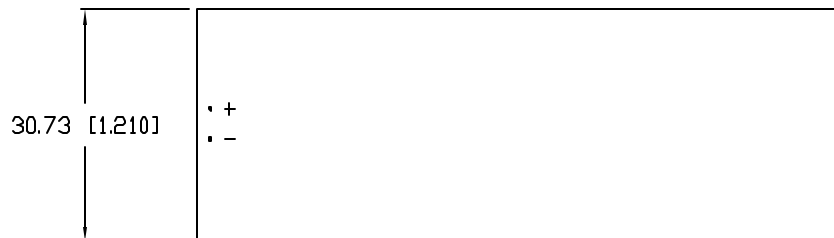
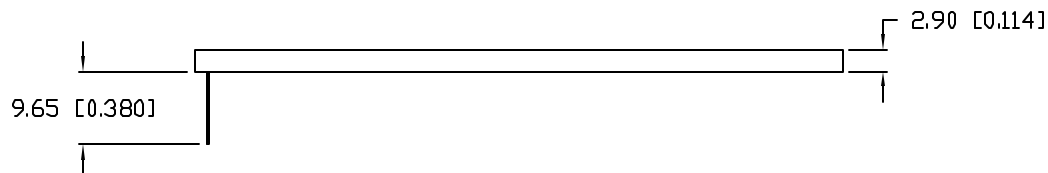
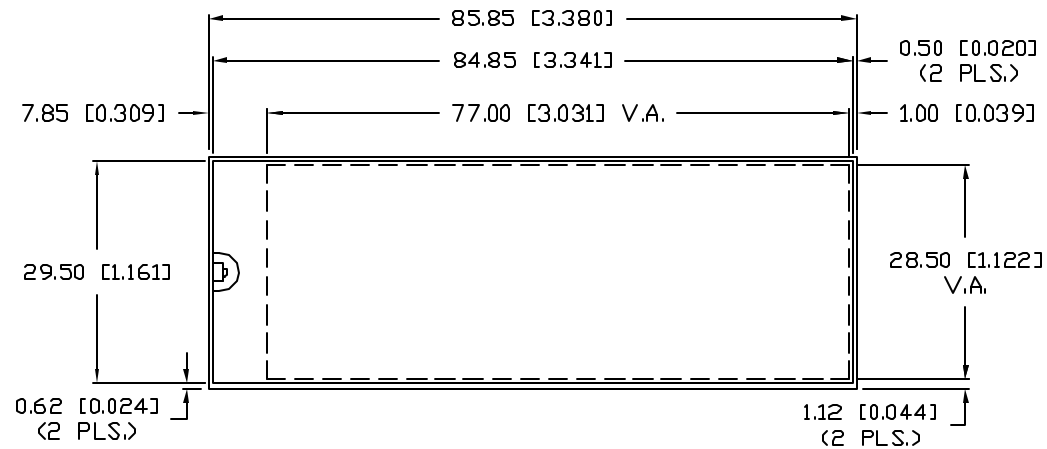


PART NUMBER  
SSB-CER7729GW

REV.

REV. E.C.N. NUMBER AND REVISION COMMENTS

DATE



ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^{\circ}\text{C}$   $I_f=960\text{mA}$

| PARAMETER             | GREEN | UNITS             |
|-----------------------|-------|-------------------|
| PEAK COLOR WAVELENGTH | 565   | nm                |
| FORWARD VOLTAGE (TYP) | 2.1   | V <sub>f</sub>    |
| LIGHT OUTPUT (TYP)    | 15    | cd/m <sup>2</sup> |
| VIEWING ANGLE (TYP)   | 160   | 2x theta          |
| EMITTED COLOR:        | GREEN |                   |

LIMITS OF SAFE OPERATION AT 25°C

| PARAMETER             | MAX        | UNITS |
|-----------------------|------------|-------|
| PEAK FORWARD CURRENT* | 150        | mA    |
| STEADY CURRENT        | 25         | mA    |
| REVERSE VOLTAGE       | 5.0        | V     |
| POWER DISSIPATION     | 120        | mW    |
| DERATE FROM 25°C      | -1.2       | mW/°C |
| OPERATING TEMP.       | -25 TO +75 | °C    |
| STORAGE TEMP.         | -25 TO +80 | °C    |
| SOLDERING TEMP.       | +260       | °C    |
| 2.0mm FROM BODY       | 3 SEC. MAX |       |

\*  $t < 10\mu\text{s}$

\*UNLESS OTHERWISE SPECIFIED TOLERANCE IS  $\pm 0.25\text{mm}$  ( $\pm 0.010"$ )

REV.

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SINGLE CHIP LED BACKLIGHT, 565nm GREEN,  
77mm x 29mm VIEWING AREA, MILKY WHITE DIFFUSED EPOXY.

**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.

DRAWN BY:

CHECKED BY:

APPROVED BY:

DATE: 10-20-98

ck/dU

PAGE: 1 OF 1

SCALE: N/A