

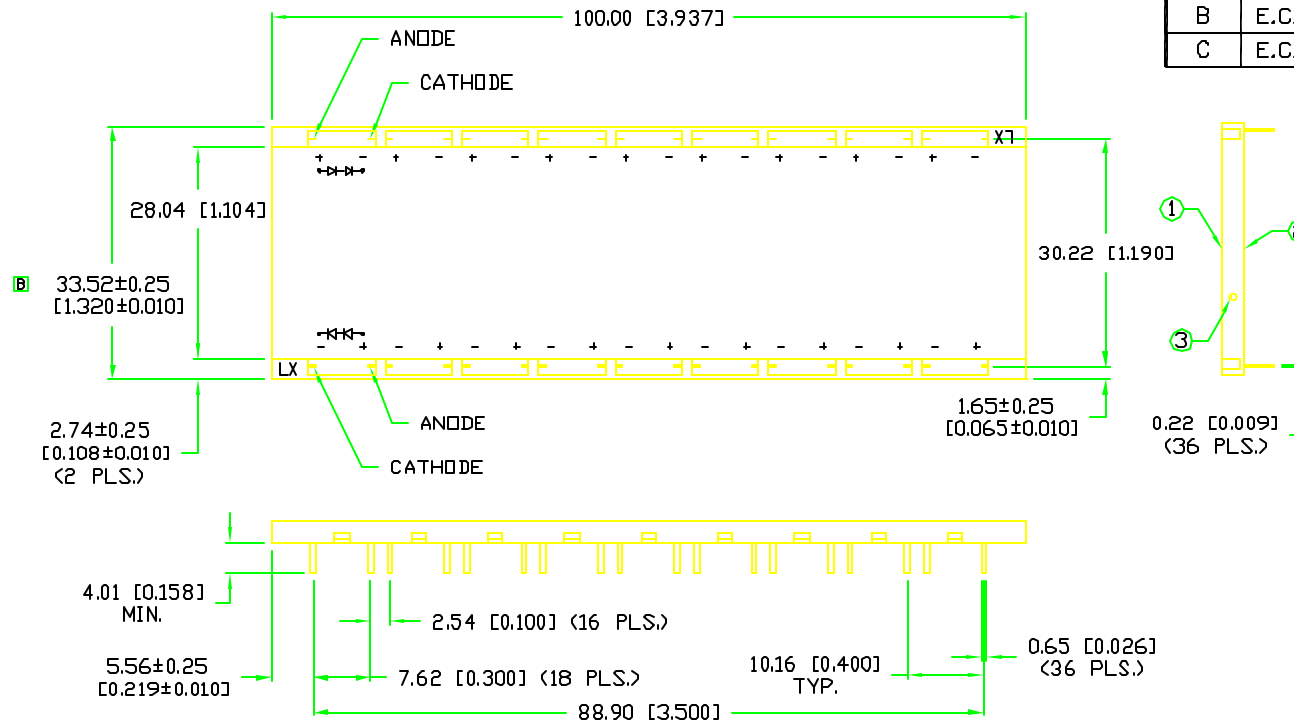


PART NUMBER  
SSB-DL10033GG

REV.

C

| REV. | E.C.N. NUMBER AND REVISION COMMENTS | DATE     |
|------|-------------------------------------|----------|
| A    | E.C.N. #10222./                     | 7-31-96  |
| B    | E.C.N. #10426./                     | 4-6-98   |
| C    | E.C.N. #10BRDR. & REDRAWN.          | 10-29-98 |



NOTES:

1. TRANSPARENT ACRYLIC, FRONT SURFACE TO BE MATTE FINISH.
2. HIGH GREEN REFLECTIVE PAINT, BACK SURFACE.
3. PAINT EDGES WHITE, BOTH ENDS.
4. LEDS TO SNAP FIT INTO LDD. NO ADHESIVE TO BE USED.

ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^{\circ}\text{C}$   $I_f=20\text{ mA}$

| PARAMETER          | MIN   | TYP         | MAX | UNITS                  | TEST COND            |
|--------------------|-------|-------------|-----|------------------------|----------------------|
| PEAK WAVELENGTH    |       | 565 (GREEN) |     | nm                     |                      |
| FORWARD VOLTAGE    |       | 4.2         | 4.6 | $V_f$                  |                      |
| REVERSE VOLTAGE    | 8     |             |     | $V_r$                  | $V_r=200\mu\text{A}$ |
| LUMINOUS INTENSITY |       | 20          |     | $\text{cd}/\text{m}^2$ | $I_f=10\text{mA}$    |
| EMITTED COLOR:     | GREEN |             |     |                        |                      |
| REFLECTOR FINISH:  | GREEN |             |     |                        |                      |

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

| PARAMETER                        | MAX        | UNITS                        |
|----------------------------------|------------|------------------------------|
| PEAK FORWARD CURRENT*            | 300        | mA                           |
| STEADY CURRENT                   | 20         | mA                           |
| REVERSE VOLTAGE                  | 8          | V                            |
| POWER DISSIPATION                | 2.0        | mW                           |
| DERATE FROM $25^{\circ}\text{C}$ | -0.4       | $\text{mW}/^{\circ}\text{C}$ |
| OPERATING TEMP.                  | -20 TO +70 | $^{\circ}\text{C}$           |
| STORAGE TEMP.                    | -40 TO +80 | $^{\circ}\text{C}$           |
| SOLDERING TEMP.                  | +260       | $^{\circ}\text{C}$           |
| 2.0mm FROM BODY                  | 3 SEC. MAX |                              |

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

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

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100mm x 33mm EDGE LIT LCD BACKLIGHT,  
GREEN.

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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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|           |             |              |                |
|-----------|-------------|--------------|----------------|
| DRAWN BY: | CHECKED BY: | APPROVED BY: | DATE: 12-18-92 |
| DU/BC     |             |              | PAGE: 1 OF 1   |
|           |             |              | SCALE: N/A     |