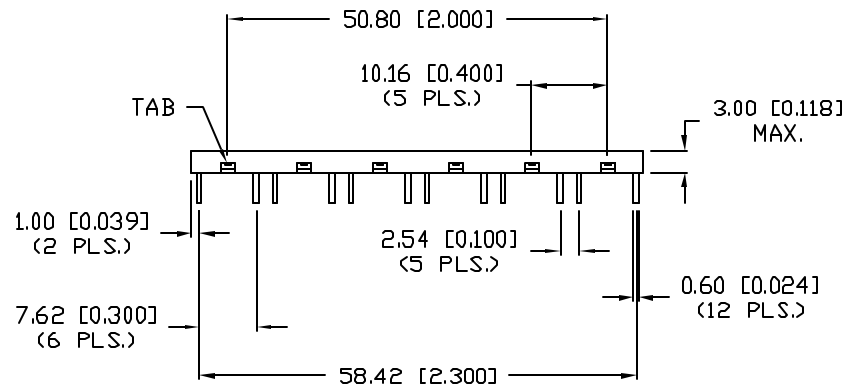
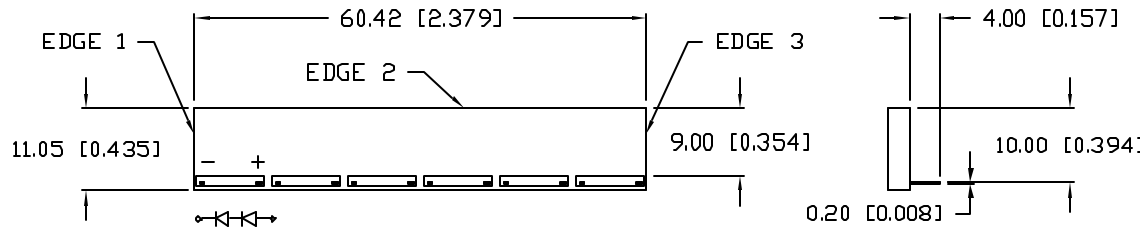


UNCONTROLLED DOCUMENT

PART NUMBER
SSB-DL6011GW

REV.
C

| REV. | E.C.N. NUMBER AND REVISION COMMENTS | DATE |
|------|-------------------------------------|----------|
| A | CHG'D NOTE #1. | 4-2-98 |
| B | E.C.N. #10BRDR. & REDRAWN. | 11-23-98 |
| C | E.C.N. #11148. | 5.11.07 |



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

| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
|--------------------|-------------|--------------|-----|------------------------|----------------------|
| PEAK WAVELENGTH | | 565 (GREEN)* | | nm | |
| FORWARD VOLTAGE | | 4.2 | 5.2 | V_f | |
| REVERSE VOLTAGE | 8 | | | V_r | $V_r=100\mu\text{A}$ |
| LUMINOUS INTENSITY | | 100* | | cd/m^2 | $I_f=10\text{ mA}$ |
| EMITTED COLOR: | GREEN | | | | |
| REFLECTOR FINISH: | CLEAR WHITE | | | | |

*SEE NOTE 2

LIMITS OF SAFE OPERATION AT 25°C PER LED

| PARAMETER | MAX | UNITS |
|--------------------------------|------------|----------------------------|
| PEAK FORWARD CURRENT* | 150 | mA |
| STEADY CURRENT | 25 | mA |
| POWER DISSIPATION | 156 | W |
| DERATE FROM 25°C | -1.2 | $\text{mW}/^\circ\text{C}$ |
| OPERATING TEMP. | -20 TO +70 | $^\circ\text{C}$ |
| STORAGE TEMP. | -30 TO +80 | $^\circ\text{C}$ |
| SOLDERING TEMP. | +240 | $^\circ\text{C}$ |
| 2.0mm FROM BODY | | 3 SEC. MAX |

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

NOTES:

NOTES:

- SSH-DL6011W HOLDER. PAINTED WHITE ON FOUR SIDES. HIGH TEMP. PAINT. (EDGES 1, 2, 3, AND BOTTOM.)
- SSB-LX02GC. (6 PCS.)—SORTED CHIPS AND GRADED UNITS FOR COLOR AND INTENSITY UNIFORMITY PER CSR-066.



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*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= +DECIMAL PRECISION -0.00 MAX.= +0.00 -DECIMAL PRECISION

| REV. | PART NUMBER |
|-----------------------------------------------------------------------------------------|--------------|
| C | SSB-DL6011GW |
| 60mm x 11mm SINGLE EDGELIT BACKLIGHT, 565nm GREEN, 6 DUAL CHIP MODULES, CLEAR WHITE. | |

CONFIDENTIAL INFORMATION
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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: jc | CHECKED BY: | APPROVED BY: |
| DATE: 12.6.96 | | PAGE: 1 OF 1 |
| SCALE: N/A | | |