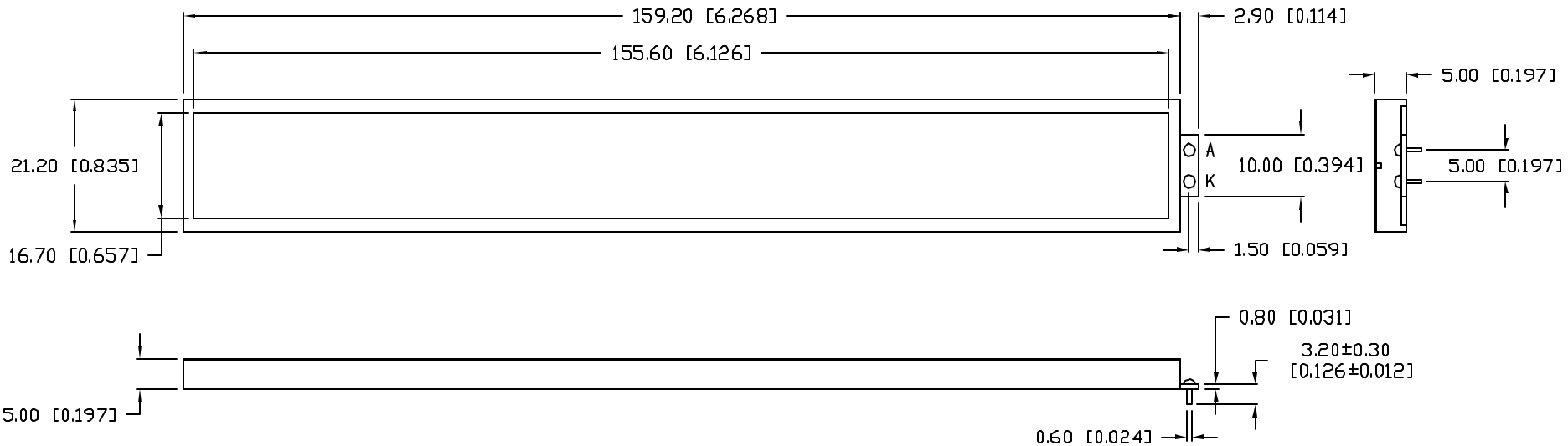
UNCONTROLLED DOCUMENT

| PART NUMBER | REV. |
|---|---|
| SSB-COB15617SRW-A | A |

| REV. | E.C.N. NUMBER AND REVISION COMMENTS | DATE |
|---|---|---|
| A | E.C.N. #10926. | 11.06.02 |

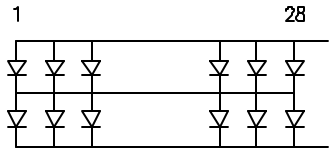



ELECTRO-OPTICAL CHARACTERISTICS $T_A$=25°C

| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
|---|---|---|---|---|---|
| PEAK WAVELENGTH | | 660 | | nm | |
| FORWARD VOLTAGE | | 3.4 | 4.4 | $V_f$ | |
| REVERSE VOLTAGE | 8 | | | $V_r$ | $V_r$=200µA |
| LUMINOUS INTENSITY | | 200 | | cd/m² | $I_f$=560mA |
| EMITTED COLOR: | RED | | | | |
| REFLECTOR FINISH: | MILKY WHITE | | | | |

LIMITS OF SAFE OPERATION AT 25°C

| PARAMETER | MAX | UNITS |
|---|---|---|
| PEAK FORWARD CURRENT | 700 | mA |
| STEADY CURRENT | 560 | mA |
| [A] POWER DISSIPATION | 3.5 | W |
| DERATE FROM 25°C | -25.8 | mW/°C |
| OPERATING TEMP. | -35 TO +80 | °C |
| STORAGE TEMP. | -40 TO +85 | °C |
| SOLDERING TEMP. | +260 | °C |
| 2.0mm FROM BODY | | 3 SEC. MAX |




2 CHIPS IN SERIES
28 PARALLEL BRANCHES

UNCONTROLLED DOCUMENT

*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 -0.00 MAX.= +0.00 -DECIMAL PRECISION

| REV. | PART NUMBER |
|---|---|
| A | SSB-COB15617SRW-A |

156mm x 17mm LCD BACKLIGHT, 660nm RED CHIPS,
MILKY WHITE REFLECTOR FINISH.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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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[A]

| DRAWN BY: | CHECKED BY: | APPROVED BY: | DATE: 3.25.02 |
|---|---|---|---|
| CT | | | PAGE: 1 OF 1 |
| | | | SCALE: N/A |