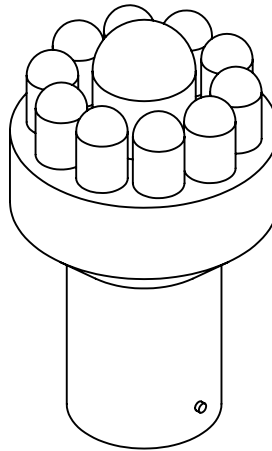
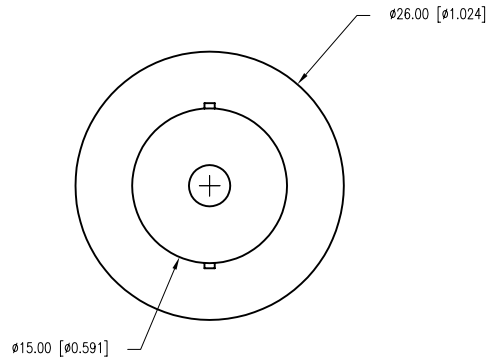


| PART NUMBER | SSP-1156B152UP12                    | REV. | D    |
|-------------|-------------------------------------|------|------|
| DATE        | E.C.N. NUMBER AND REVISION COMMENTS |      | REV. |
| 02.26.03    | E.C.N. #10958.                      |      | A    |
| 8.19.03     | E.C.N. #11025.                      |      | B    |
| 11.5.03     | E.C.N. #11050.                      |      | C    |
| 12.12.11    | E.C.N. #11741, #10BRDR.             |      | D    |

ELECTRO-OPTICAL CHARACTERISTICS  $T_a=25^{\circ}\text{C}$   $V_f=12\text{V}$ 

| PARAMETER       | MIN         | TYP   | MAX  | UNITS    | TEST COND      |
|-----------------|-------------|-------|------|----------|----------------|
| PEAK WAVELENGTH |             | 525   |      | nm       |                |
| FORWARD VOLTAGE |             | 12.0  | 14.0 | Vf       |                |
| REVERSE VOLTAGE | 5.0         |       |      | Vr       | Ir=100 $\mu$ A |
| AXIAL INTENSITY |             | 70400 |      | mod      | Vf=12V         |
| VIEWING ANGLE   |             | 30    |      | 2x theta |                |
| EMITTED COLOR:  | GREEN       |       |      |          |                |
| LENS FINISH:    | WATER CLEAR |       |      |          |                |

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

| PARAMETER                        | MAX        | UNITS                  |
|----------------------------------|------------|------------------------|
| PEAK FORWARD VOLTAGE             | 14         | V                      |
| STEADY CURRENT                   | 110        | mA                     |
| POWER DISSIPATION                | 105        | mW                     |
| DERATE FROM $25^{\circ}\text{C}$ | -1.2       | mW/ $^{\circ}\text{C}$ |
| OPERATING TEMP.                  | -40 TO +85 | $^{\circ}\text{C}$     |
| STORAGE TEMP.                    | -40 TO +85 | $^{\circ}\text{C}$     |

CAUTION: STATIC SENSITIVE DEVICE  
FOLLOW PROPER E.S.D. HANDLING PROCEDURES  
WHEN WORKING WITH THIS PART.

D A 46.00 [1.811] MAX.

19.00 [0.748]

\*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=  $^{+0.00}_{-0.00}$  DECIMAL PRECISION MAX.=  $^{+0.00}_{-0.00}$  DECIMAL PRECISION

UNCONTROLLED DOCUMENT



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1156 LED REPLACEMENT LAMP, GREEN.

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*

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|        |           |           |    |
|--------|-----------|-----------|----|
| DATE:  | 12.12.11  | DRAWN BY: | AB |
| PAGE:  | 1 OF 1    | CHKD BY:  | JD |
| SCALE: | NTS       | APRVD BY: | SS |
| UNIT:  | mm [INCH] |           | Ⓟ  |

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