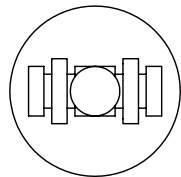
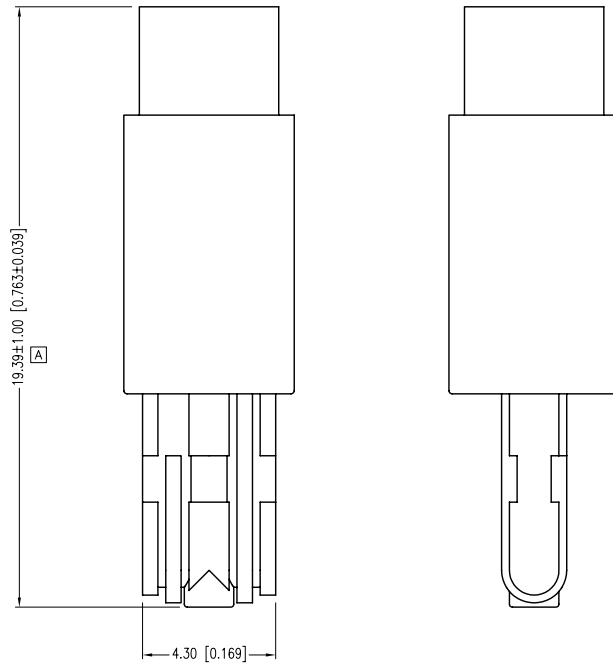
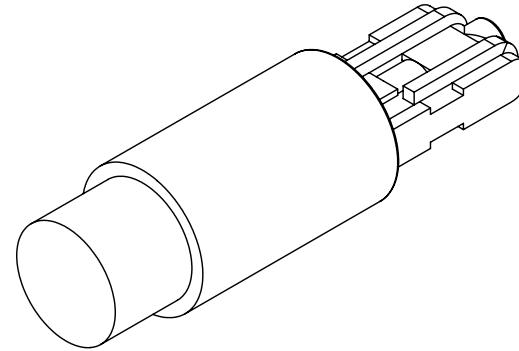
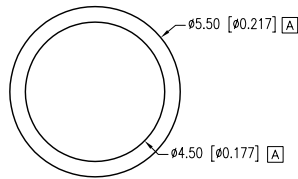


| PART NUMBER | SSP-01SWB6UC28-FT | REV. | A |
|-------------|-------------------------------------|------|------|
| DATE | E.C.N. NUMBER AND REVISION COMMENTS | | REV. |
| 07.20.11 | E.C.N. #10BRDR. & REDRAWN/#11738. | | A |



| ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C Vf=28V | | | | | |
|--|-------------|-----|-----|----------|----------|
| PARAMETER | MIN | TYP | MAX | UNITS | UNITS |
| PEAK WAVELENGTH | | 626 | | nm | |
| FORWARD VOLTAGE | | 28 | 32 | Vf | |
| REVERSE VOLTAGE | 5.0 | | | Vr | Ir=100µA |
| AXIAL INTENSITY | | 850 | | mcd | Vf=28V |
| VIEWING ANGLE | | 100 | | 2x theta | |
| EMITTED COLOR: | RED | | | | |
| EPOXY LENS FINISH: | WATER CLEAR | | | | |

| LIMITS OF SAFE OPERATION AT 25°C | | | |
|----------------------------------|------------|-------|--|
| PARAMETER | MAX | UNITS | |
| PEAK FORWARD VOLTAGE | 32 | V | |
| STEADY CURRENT | 20 | mA | |
| POWER DISSIPATION | 105 | mW | |
| DERATE FROM 25°C | -1.2 | mW/°C | |
| OPERATING TEMP. | -30 TO +85 | °C | |
| STORAGE TEMP. | -30 TO +85 | °C | |

*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}

UNCONTROLLED DOCUMENT



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T5mm SUBMINIATURE WEDGE BASE LED, 626nm RED, WATER CLEAR LENS.

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

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| | | | |
|--------|-----------|-----------|----|
| DATE: | 07.20.11 | DRAWN BY: | AB |
| PAGE: | 1 OF 1 | CHKD BY: | BC |
| SCALE: | NTS | APRVD BY: | KF |
| UNIT: | mm [INCH] | | Ⓟ |