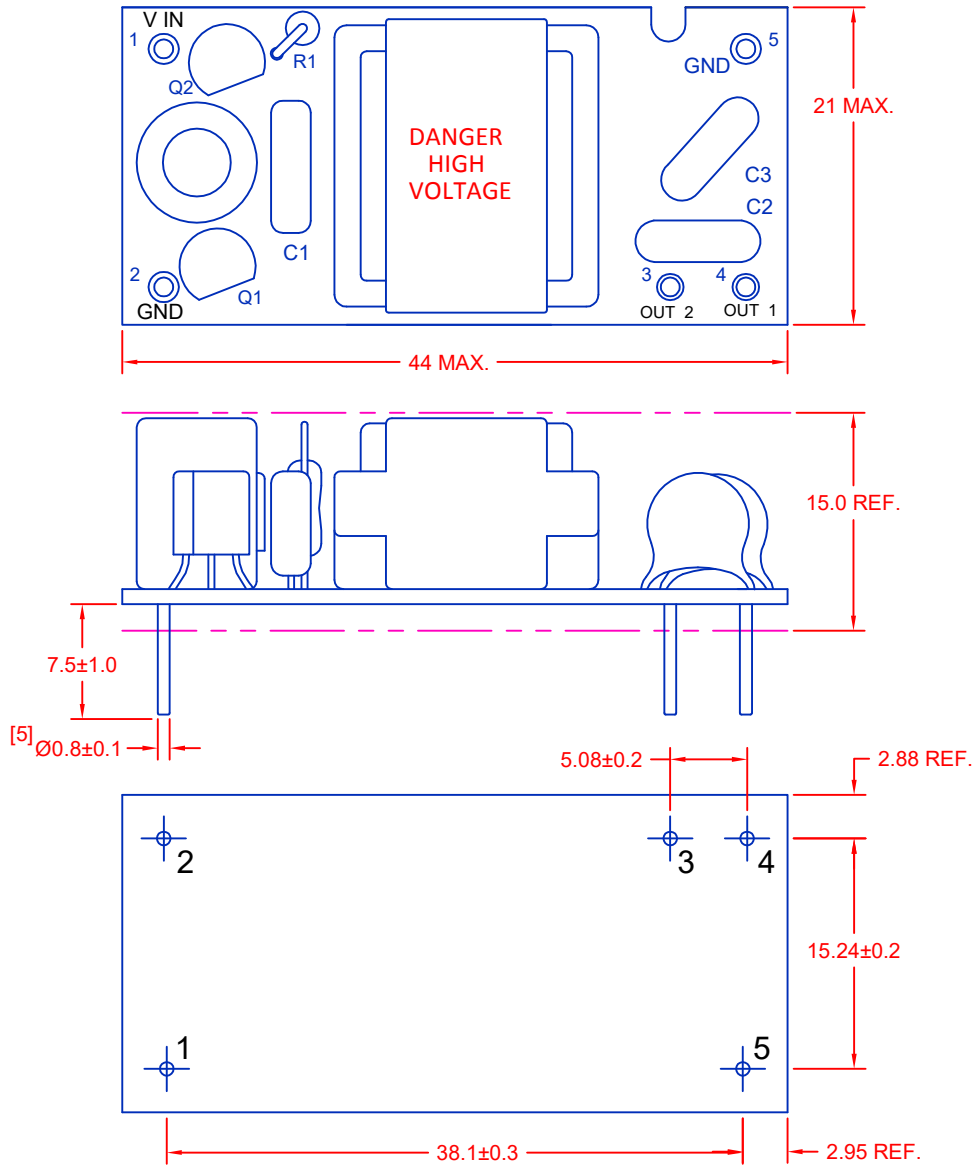


| REV. | DESCRIPTION/ECO NO. | DATE |
|------|------------------------|---------|
| | RELEASED AS CAD | 7/18/03 |
| A | CHNG. COMPONENT LAYOUT | 3/21/17 |
| | | |
| | | |
| | | |



JKL PART NO.: BXA-601
RoHS COMPLIANCE

| | | | | | | |
|---|---|--|------------------------------|-----------------------------------|----------------------------------|-------------------------|
| <p>METRIC THIRD ANGLE PROJECTION</p> | <p>DIMENSIONS ARE IN MILLIMETERS</p> <p>TOLERANCE UNLESS OTHERWISE SPECIFIED</p> <p>1 PL +/- 0.3</p> <p>2 PL +/-</p> <p>ANGLE +/- 0</p> | <p>JKL COMPONENTS CORPORATION</p> | | | | |
| | <p>TITLE</p> <p>5V DUAL CCFL INVERTER</p> | <p>SIZE A</p> | <p>FSCM NO. 55335</p> | <p>DRAWING NO. BXA-601</p> | <p>REV. NO. A</p> | |
| <p>DRAWN BY L. WENGSTROM</p> | <p>APPVD BY L.R.</p> | <p>DATE 3/21/17</p> | <p>SCALE NONE</p> | <p>RELEASED DATE 7/18/03</p> | <p>REVISION DATE 3/21/17</p> | <p>SHEET 1 OF 2</p> |
| <p>- CAD DRAWING - MANUAL REVISIONS NOT PERMITTED</p> | | | | | | |

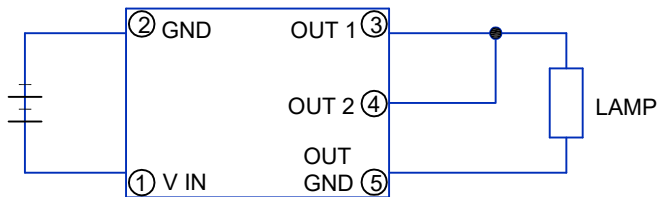


FIGURE 1

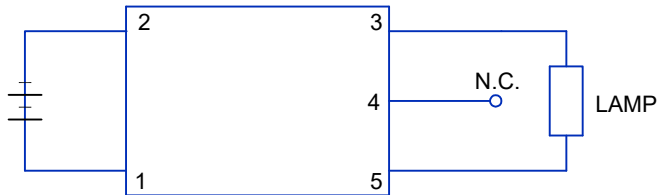


FIGURE 2

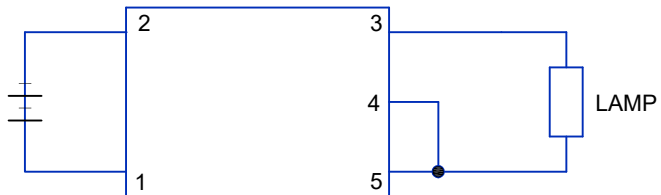


FIGURE 3

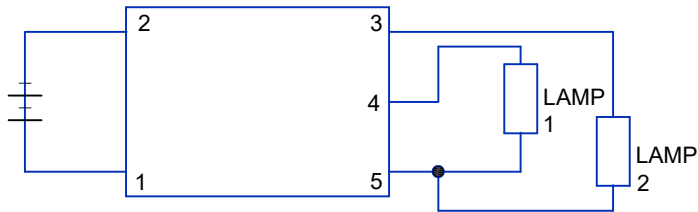


FIGURE 4

ABSOLUTE MAXIMUM RATINGS

| PARAMETERS | SYMBOL | SPECIFICATIONS |
|-----------------------|--------|----------------|
| INPUT VOLTAGE | V in | 5V ± 10% TYP. |
| OUTPUT POWER | Po | 4.5W |
| TEMP. RANGE OPERATING | Ta | 0 to 50°C |
| STORAGE | Ts | -20 TO 75°C |
| HUMIDITY | H | 90% R.H. |

ELECTRICAL CHARACTERISTICS

| PARAMETERS | SYMBOL | CONDITIONS | | | APPLI-CATION | SPECIFICATIONS | | | UNIT | |
|-----------------|---------|------------|---------|---------|--------------|----------------|------|------|-------|-----|
| | | Vin (V) | Ta (°C) | RL (kΩ) | | MIN. | TYP. | MAX. | | |
| OUTPUT CURRENT | I out | 5 ± 1% | 23 ± 5 | 30 | FIGURE 1 | 9 | 10 | 11 | mArms | |
| INPUT CURRENT | I in | | | | | 8 | 10 | 12 | | |
| FREQUENCY | FL | | | | | --- | 0.75 | 1.20 | | Adc |
| OPEN VOLTAGE | V open | | | | | --- | 30 | --- | | kHz |
| | | | | ∞ | | 825 | 900 | --- | Vrms | |
| OUTPUT CURRENT | I out | 5 ± 1% | 23 ± 5 | 50 | FIGURE 2 | 5.2 | 6 | 6.6 | mArms | |
| INPUT CURRENT | I in | | | | | 4.6 | 6 | 7.2 | | |
| FREQUENCY | FL | | | | | --- | 0.48 | --- | | Adc |
| OPEN VOLTAGE | V open | | | | | --- | 35 | --- | | kHz |
| | | | | ∞ | | 825 | 900 | --- | Vrms | |
| OUTPUT CURRENT | I out | 5 ± 1% | 23 ± 5 | 60 | FIGURE 3 | 4.5 | 5 | 5.6 | mArms | |
| INPUT CURRENT | I in | | | | | 4 | 5 | 6.1 | | |
| FREQUENCY | FL | | | | | --- | 0.42 | --- | | Adc |
| OPEN VOLTAGE | V open | | | | | --- | 30 | --- | | kHz |
| | | | | ∞ | | 825 | 900 | --- | Vrms | |
| OUT PUT CURRENT | I out 1 | 5 ± 1% | 23 ± 5 | 60 | FIGURE 4 | 4.5 | 5 | 5.5 | mArms | |
| | I out 2 | | | | | 4 | 5 | 6 | | |
| INPUT CURRENT | I in | | | | | --- | 0.75 | --- | | Adc |
| FREQUENCY | FL | | | | | --- | 30 | --- | | kHz |
| OPEN VOLTAGE | V open | | | ∞ | | 825 | 900 | --- | Vrms | |

| | | | | | |
|--|---|---|-----------------------------|-------------------------------------|--|
| <p>METRIC</p> <p>THIRD ANGLE PROJECTION</p> | <p>DIMENSIONS ARE IN MILLIMETERS</p> <p>TOLERANCE UNLESS OTHERWISE SPECIFIED</p> <p>1 PL +/- 0.3</p> <p>2 PL +/-</p> <p>ANGLE +/- 0</p> | <h1>JKL COMPONENTS CORPORATION</h1> | | | |
| | | <p>TITLE</p> <h2>5V DUAL CCFL INVERTER</h2> | | | |
| <p>DRAWN BY</p> <p>L. WENGSTROM</p> | <p>APPVD BY</p> <p>L.R.</p> | <p>DATE</p> <p>3/21/17</p> | <p>SIZE</p> <p>A</p> | <p>FSCM NO.</p> <p>55335</p> | <p>DRAWING NO.</p> <p>BXA-601</p> |
| <p>- CAD DRAWING -</p> <p>MANUAL REVISIONS NOT PERMITTED</p> | | | <p>SCALE</p> <p>NONE</p> | <p>RELEASED DATE</p> <p>7/18/03</p> | <p>REVISION DATE</p> <p>3/21/17</p> |
| | | | | <p>REV. NO.</p> <p>A</p> | <p>SHEET</p> <p>2 OF 2</p> |