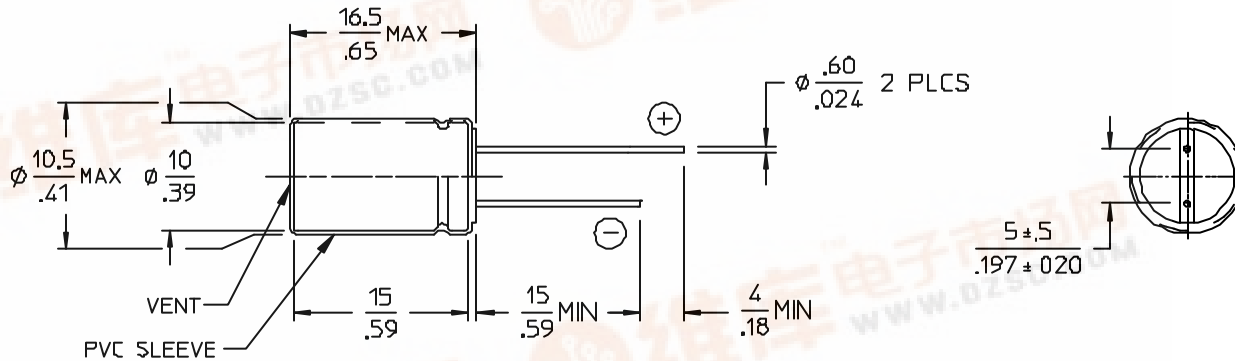


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| REV | DESCRIPTION       | DATE       | APPROVED |
|-----|-------------------|------------|----------|
| 01  | RELEASED- E020061 | RCM 3/6/02 | GCK      |



**ELECTRICAL CHARACTERISTICS @ T<sub>a</sub> = 20°C, 120Hz (UNLESS OTHERWISE SPECIFIED)**

| PARAMETER                   | SYMBOL              | MIN | MAX          | UNITS | TEST CONDITIONS                 |
|-----------------------------|---------------------|-----|--------------|-------|---------------------------------|
| CAPACITANCE                 | C                   | 544 | 816          | μF    | 0.5Vrms                         |
| WORKING VOLTAGE             | V <sub>DCW</sub>    | 6.3 |              | V     |                                 |
| SURGE VOLTAGE               | V <sub>SURGE</sub>  | 8   |              | V     |                                 |
| LEAKAGE CURRENT             | I <sub>DCL</sub>    |     | 128.52       | μA    | 1 MINUTE                        |
| DISSIPATION FACTOR          | tan δ               |     | 0.22         |       |                                 |
| IMPEDANCE                   | Z                   |     | 0.22<br>0.57 | Ω     | 100KHZ, 20 °C<br>100KHZ, -10 °C |
| RIPPLE CURRENT              | I <sub>RIPPLE</sub> |     | 635          | mA    | T <sub>a</sub> = 105°C, 100KHZ  |
| OPERATING TEMPERATURE RANGE | T <sub>OP</sub>     | -55 | +105         | °C    |                                 |

- NOTES:**  
 1. MATERIAL: ALUMINUM ELECTROLYTIC.  
 2. SOLVENT PROOF END SEAL.  
 3. DIMENSIONS ARE METRIC.  
 INCH

**MAXIMUM PERMISSIBLE RIPPLE CURRENT**

**FREQUENCY MULTIPLIER**

| FREQUENCY IN Hz |      |      |      |      |      |
|-----------------|------|------|------|------|------|
| 50              | 120  | 300  | 1K   | 10K  | 100K |
| 0.65            | 0.80 | 0.90 | 0.98 | 1.00 | 1.00 |

**TEMPERATURE MULTIPLIER**

| TEMPERATURE | 85°C | 105°C |
|-------------|------|-------|
| MULTIPLIER  | 1.75 | 1     |

|  |                  |
|--|------------------|
| DRAWN BY<br>GCK  | DATE<br>01/14/02 |
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES.<br>TOLERANCES ARE<br>FRACTIONS DECIMALS ANGLES<br>+1/64 .XX- .01 .1° |                  |
| THIRD ANGLE PROJECTION   |                  |
| DO NOT SCALE DRAWING   |                  |



**CAPACITOR, ALEL, RADIAL,  
 680μF, ±20%, 6.3V**

|             |                   |                 |           |
|-------------|-------------------|-----------------|-----------|
| SIZE<br>B   | FSCM NO.<br>67131 | DWG NO<br>13439 | REV<br>01 |
| SCALE<br>2X | SHEET 1 OF 1      |                 |           |

