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| REVISIONS |                      |          |          |
|-----------|----------------------|----------|----------|
| REV       | DESCRIPTION          | DATE     | APPROVED |
| 1         | RELEASED PER E060743 | 05/19/06 | SH       |
| 2         | REVISED PER E101188  | 09/24/10 | AR       |

ABSOLUTE MAXIMUM RATINGS:

Operating Ambient Temperature range (T<sub>A</sub>)..... -55 to + 85° C

Storage Temperature Range (T<sub>STG</sub>)..... -55 to +125° C

Temperature Coefficient (αV) of Clamping Voltage (VC) at Specified Test Current..... <0.01%/ °C

Hi-Pot Encapsulation (Isolation Voltage Capability)..... 2500V

(Dielectric must withstand indicated DC voltage for one minute per MIL-STD-202 Method 301)

Insulation Resistance..... 1000MΩ

MAXIMUM RATING @ Ta = 85° C

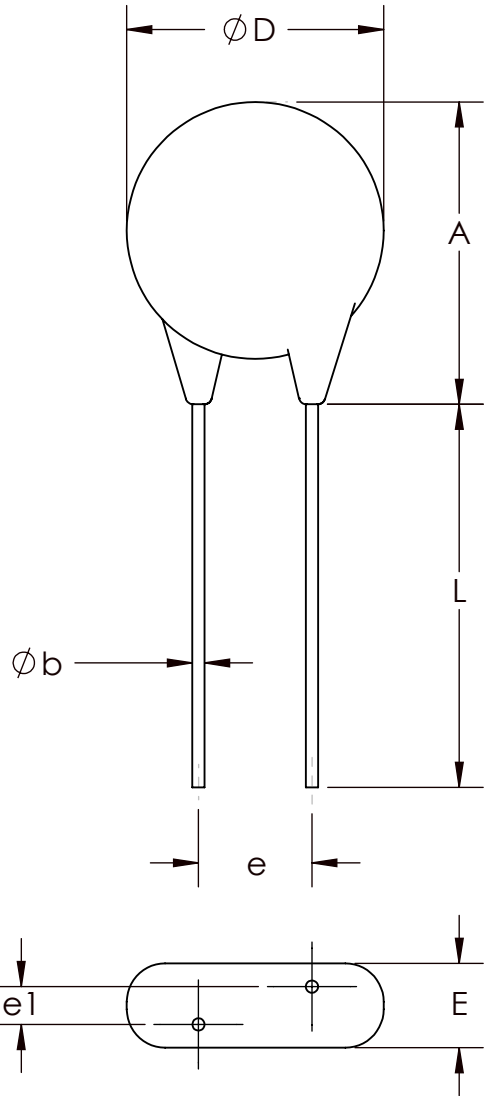
| Parameter                     | Symbol                | Test Condition                |      | Units |
|-------------------------------|-----------------------|-------------------------------|------|-------|
| Continuous AC Voltage         | V <sub>M(AC)RMS</sub> |                               | 275  | V     |
| Continuous DC Voltage         | V <sub>M(DC)</sub>    |                               | 369  | V     |
| Transient Single Pulse Energy | W <sub>TM</sub>       | 10 x 1000 μs current wave (1) | 75   | J     |
| Transient Peak Pulse Current  | I <sub>TM</sub>       | 8 x 20 μs current wave        | 4500 | A     |

(I) Average power dissipation of transients not to exceed 0.4W

ELECTRICAL SPECIFICATIONS @ Ta = 25°C

| Parameter             | Symbol           | Test Condition         | Min | Typ | Max | Units |
|-----------------------|------------------|------------------------|-----|-----|-----|-------|
| Max. Varistor Voltage | V <sub>NOM</sub> | 1mA DC                 |     |     | 473 | V     |
| Clamping Voltage      | V <sub>C</sub>   | 8 x 20 μs current wave |     |     | 710 | V     |
| Peak Current at Vc    | I <sub>PK</sub>  |                        |     |     | 50  | A     |
| Capacitance           | C                | f = 1MHz               |     | 450 |     | pF    |

| DIMENSIONS     | MILLIMETER (INCHES) |            |
|----------------|---------------------|------------|
|                | MIN                 | MAX        |
| A              | ----                | 20 (.787)  |
| Dia. D         | ----                | 17 (.669)  |
| e              | 6.5 (.256)          | 8.5 (.335) |
| e <sub>1</sub> | 1.5 (.059)          | 3.5 (.138) |
| E              | ----                | 5.6 (.220) |
| Dia. b         | .76 (.030)          | .86 (.034) |
| L              | 25.4 (1.00)         | ----       |



NOTES:

1. RoHS COMPLIANT, LEAD FREE PER CST-0001 LATEST REVISION.

|          |                                                                                                                                                                                        |          |                                                                                       |           |        |              |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|-----------|--------|--------------|
|          | DRAWN                                                                                                                                                                                  | DATE     |  |           |        | SWD          |
|          | P.E.IENI                                                                                                                                                                               | 05/18/05 | <div>VARISTOR RADIAL LEAD<br/>MOV, LINE-VOLTAGE</div>                                 |           |        |              |
| MATERIAL | UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE INCH [MM]<br>TOLERANCES ARE:<br>DECIMALS                      ANGLES<br>X.XX [X.X] = ±0.01 [0.25]    ±1°<br>X.XXX [X.XX] = ±0.005 [0.127] |          |                                                                                       |           |        |              |
|          |                                                                                                                                                                                        |          |                                                                                       |           |        |              |
| FINISH   | THIRD ANGLE PROJECTION                                                                                                                                                                 |          | SIZE                                                                                  | CAGE CODE | DWG NO | REV          |
|          |                                                                                                   |          | B                                                                                     | 67131     | 30076  | 2            |
|          | DO NOT SCALE DRAWING                                                                                                                                                                   |          | SCALE 1: 1                                                                            |           |        | SHEET 1 OF 1 |