

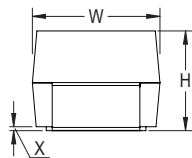
## Sample Kit Contents

| KEMET Part Number  | Case Code/<br>Case Size | Rated Cap | Rated Voltage | DC Leakage               | DF                      | ESR                      | Quantity |
|--------------------|-------------------------|-----------|---------------|--------------------------|-------------------------|--------------------------|----------|
|                    | KEMET/EIA               | μF        | VDC           | μAmps +25°C<br>Max/5 Min | % @ +25°C<br>120 Hz Max | mΩ @ 25°C<br>100 kHz Max |          |
| T498A475K010ATE2K9 | A/3216-18               | 4.7       | 10            | 0.5                      | 4.5                     | 2900                     | 10       |
| T498C226K016ATE1K0 | C/6032-28               | 22        | 16            | 3.5                      | 4.5                     | 1000                     | 10       |
| T499B106K016ATE3K5 | B/3528-21               | 10        | 16            | 1.6                      | 6                       | 3500                     | 10       |
| T499B475K020ATE3K5 | B/3528-21               | 4.7       | 20            | 0.9                      | 6                       | 3500                     | 10       |
| T499A105K025ATE8K0 | A/3216-18               | 1.0       | 25            | 0.5                      | 4                       | 8000                     | 10       |
| T499D156K025ATE1K0 | D/7343-31               | 15        | 25            | 3.8                      | 6                       | 1000                     | 10       |
| T499B105K035ATE5K0 | B/3528-21               | 1.0       | 35            | 0.5                      | 4                       | 5000                     | 10       |
| T499D106K035ATE1K0 | D/7343-31               | 10        | 35            | 3.5                      | 6                       | 1000                     | 10       |
| T499X226K035ATE700 | X/7343-43               | 22        | 35            | 7.7                      | 6                       | 700                      | 10       |
| T499D106K050ATE1K0 | D/7343-31               | 10        | 50            | 5.0                      | 6                       | 1000                     | 10       |

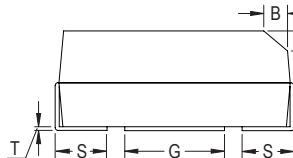
## Dimensions – Millimeters (Inches)

Metric will govern

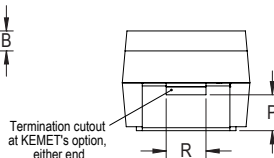
CATHODE (-) END VIEW



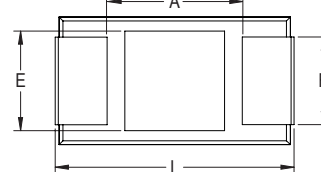
SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



| Case Size |         | Component                 |                           |                           |                    |                    |                         |                              |            |            |             |             |            |            |
|-----------|---------|---------------------------|---------------------------|---------------------------|--------------------|--------------------|-------------------------|------------------------------|------------|------------|-------------|-------------|------------|------------|
| KEMET     | EIA     | L*                        | W*                        | H*                        | F* ±0.1<br>±(.004) | S* ±0.3<br>±(.012) | B* ±0.15<br>(Ref) ±.006 | X (Ref)                      | P (Ref)    | R (Ref)    | T (Ref)     | A (Min)     | G (Ref)    | E (Ref)    |
| A         | 3216-18 | 3.2 ±0.2<br>(.126 ±0.008) | 1.6 ±0.2<br>(.063 ±0.008) | 1.6 ±0.2<br>(.063 ±0.008) | 1.2 (.047)         | 0.8 (.031)         | 0.4 (.016)              | 0.10 ± 0.10<br>(.004 ± .004) | 0.4 (.016) | 0.4 (.016) | 0.13 (.005) | 0.8 (.31)   | 1.1 (.043) | 1.3 (.051) |
| B         | 3528-21 | 3.5 ±0.2<br>(.138 ±0.008) | 2.8 ±0.2<br>(.110 ±0.008) | 1.9 ±0.2<br>(.075 ±0.008) | 2.2 (.087)         | 0.8 (.031)         | 0.4 (.016)              | 0.10 ± 0.10<br>(.004 ± .004) | 0.5 (.020) | 1.0 (.039) | 0.13 (.005) | 1.1 (0.043) | 1.8 (.071) | 2.2 (.087) |
| C         | 6032-28 | 6.0 ±0.3<br>(.236 ±0.03)  | 3.2 ±0.3<br>(.126 ±0.012) | 2.5 ±0.3<br>(.098 ±0.012) | 2.2 (.087)         | 1.3 (.051)         | 0.5 (.020)              | 0.10 ± 0.10<br>(.004 ± .004) | 0.9 (.035) | 1.0 (.039) | 0.13 (.005) | 2.5 (.098)  | 2.8 (.110) | 2.4 (.094) |
| D         | 7343-31 | 7.3 ±0.3<br>(.287 ±0.012) | 4.3 ±0.3<br>(.169 ±0.012) | 2.8 ±0.3<br>(.110 ±0.012) | 2.4 (.094)         | 1.3 (.051)         | 0.5 (.020)              | 0.10 ± 0.10<br>(.004 ± .004) | 0.9 (.035) | 1.0 (.039) | 0.13 (.005) | 3.8 (.150)  | 3.5 (.138) | 3.5 (.138) |
| X         | 7343-43 | 7.3 ±0.3<br>(.287 ±0.012) | 4.3 ±0.3<br>(.169 ±0.012) | 4.0 ±0.3<br>(.157 ±0.012) | 2.4 (.094)         | 1.3 (.051)         | 0.5 (.020)              | 0.10 ± 0.10<br>(.004 ± .004) | 1.7 (.067) | 1.0 (.039) | 0.13 (.005) | 3.8 (.150)  | 3.5 (.138) | 3.5 (.138) |

Notes: (Ref) – Dimensions provided for reference only.

\* MIL-PRF-55365/8 specified dimensions