

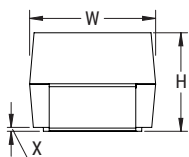
Sample Kit Contents

| KEMET Part Number | Case Code/ Case Size | Rated Cap | Rated Voltage | DC Leakage | DF | ESR | Quantity |
|--------------------|-------------------------|-----------|---------------|----------------------------------|------------------------------|-------------------------------|----------|
| | KEMET/EIA | μF | VDC | μAmps +25°C Maximum/5 Minutes | % at +25°C 120 Hz Maximum | mΩ at 25°C 100 kHz Maximum | |
| T520D477M2R5ATE009 | D/7343-31 | 470 | 2.5 | 118 | 10.0 | 9 | 10 |
| T530X158M2R5ATE005 | X/7343-43 | 1500 | 2.5 | 375 | 8.0 | 5 | 10 |
| T530X477M010ATE020 | X/7343-43 | 470 | 10 | 470 | 10.0 | 20 | 10 |
| T530Y687M004ATE005 | Y/7343-40 | 680 | 4 | 272 | 8.0 | 5 | 10 |
| T520A226M006ATE090 | A/3216-18 | 22 | 6.3 | 14 | 8.0 | 90 | 10 |
| T520B227M006ATE025 | B/3528-21 | 220 | 6.3 | 138.6 | 8.0 | 25 | 10 |
| A700V477M002ATE4R5 | V/7343-20 | 470 | 2 | 56 | 6.0 | 4.5 | 10 |
| A700D107M006ATE015 | D/7343-31 | 100 | 6.3 | 25 | 6.0 | 15 | 10 |
| A700X157M006ATE010 | X/7343-43 | 150 | 6.3 | 38 | 6.0 | 10 | 10 |
| A700V477M002PTE009 | V/7343-20 | 470 | 2 | 56 | 6.0 | 9 | 10 |
| T520D337M006ATE009 | D/7343-31 | 330 | 6.3 | 208 | 10.0 | 9 | 10 |
| T520X337M010ATE010 | X/7343-43 | 330 | 10 | 330 | 10.0 | 10 | 10 |
| A720V477M002APE003 | V/7343-20 | 470 | 2 | 56.4 | 6.0 | 3 | 10 |
| A798D477M2R5ATE009 | D/7343-31 | 470 | 2.5 | 118 | 6.0 | 9 | 10 |
| | KEMET/EIA | μF | VDC | μAmps +25°C Maximum/5 Minutes | % at +25°C 120 Hz Maximum | Ω at 25°C 100 kHz Maximum | |

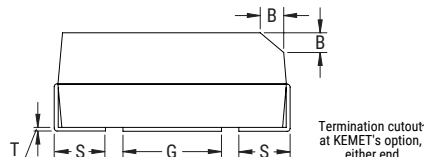
Dimensions – Millimeters (Inches)

Metric will govern

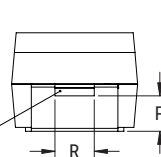
CATHODE (-) END VIEW



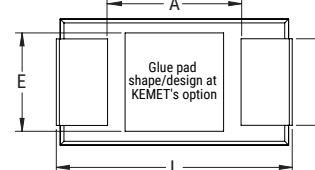
SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



| Case Size | | Component | | | | | | | | | | | | |
|-----------|---------|--------------------------|--------------------------|--------------------------|---------------------|---------------------|--------------------------|----------------------------|----------------|----------------|-----------------|----------------|----------------|----------------|
| KEMET | EIA | L* | W* | H* | F* ±0.1 ±(0.004) | S* ±0.3 ±(0.012) | B* ±0.15 (Ref) ±0.006 | X (Ref) | P (Ref) | R (Ref) | T (Ref) | A (Min) | G (Ref) | E (Ref) |
| A | 3216-18 | 3.2±0.2 (0.126±0.008) | 1.6±0.2 (0.063±0.008) | 1.6±0.2 (0.063±0.008) | 1.2 (0.047) | 0.8 (0.031) | 0.4 (0.016) | 0.10±0.10 (0.004±0.004) | 0.4 (0.016) | 0.4 (0.016) | 0.13 (0.005) | 0.8 (0.31) | 1.1 (0.043) | 1.3 (0.051) |
| B | 3528-21 | 3.5±0.2 (0.138±0.008) | 2.8±0.2 (0.110±0.008) | 1.9±0.1 (0.075±0.004) | 2.2 (0.087) | 0.8 (0.031) | 0.4 (0.016) | 0.10±0.10 (0.004±0.004) | 0.5 (0.020) | 1.0 (0.039) | 0.13 (0.005) | 1.1 (0.043) | 1.8 (0.071) | 2.2 (0.087) |
| D | 7343-31 | 7.3±0.3 (0.287±0.012) | 4.3±0.3 (0.169±0.012) | 2.8±0.3 (0.110±0.012) | 2.4 (0.094) | 1.3 (0.051) | 0.5 (0.020) | 0.10±0.10 (0.004±0.004) | 0.9 (0.035) | 1.0 (0.039) | 0.13 (0.005) | 3.8 (0.150) | 3.5 (0.138) | 3.5 (0.138) |
| V | 7343-20 | 7.3±0.3 (0.287±0.012) | 4.3±0.3 (0.169±0.012) | 2.0 (0.079) | 2.4 (0.094) | 1.3 (0.051) | N/A | 0.05 (0.002) | N/A | N/A | 0.13 (0.005) | 3.8 (0.150) | 3.5 (0.138) | 3.5 (0.138) |
| X | 7343-43 | 7.3±0.3 (0.287±0.012) | 4.3±0.3 (0.169±0.012) | 4.0±0.3 (0.157±0.012) | 2.4 (0.094) | 1.3 (0.051) | 0.5 (0.020) | 0.10±0.10 (0.004±0.004) | 1.7 (0.067) | 1.0 (0.039) | 0.13 (0.005) | 3.8 (0.150) | 3.5 (0.138) | 3.5 (0.138) |
| Y | 7343-40 | 7.3±0.3 (0.287±0.012) | 4.3±0.3 (0.169±0.012) | 4.0 (0.157) | 2.4 (0.094) | 1.3 (0.051) | 0.5 (0.020) | 0.10±0.10 (0.004±0.004) | 1.7 (0.067) | 1.0 (0.039) | 0.13 (0.005) | 3.8 (0.150) | 3.5 (0.138) | 3.5 (0.138) |

Notes: (Ref) – Dimensions provided for reference only. No dimensions provided for B, P or R because low profile cases do not have a bevel or a notch.

* MIL-PRF-55365/8 specified dimensions

Moisture Sensitivity Notice

These KEMET devices are Moisture Sensitivity Level 3 (MSL3) rated per J-STD-020D. Mass production quantities are packaged in moisture resistant packaging and must be handled per J-STD-020D MSL3 requirements.