

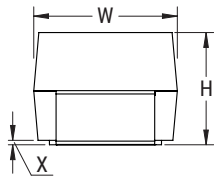
Sample Kit Contents

| 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 | |
| T521D476M016ATE040 | D/7343-31 | 47 | 16 | 75.2 | 10 | 40 | 10 |
| T521V107M016ATE050 | V/7343-20 | 100 | 16 | 160.0 | 10 | 50 | 10 |
| T521D157M016ATE050 | D/7343-31 | 150 | 16 | 240.0 | 10 | 50 | 10 |
| T521X337M016ATE025 | X/7343-43 | 330 | 16 | 528.0 | 10 | 25 | 10 |
| T521V107M020ATE055 | V/7343-20 | 100 | 20 | 200.0 | 10 | 55 | 10 |
| T521B226M025ATE100 | B/3528-21 | 22 | 25 | 55.0 | 8 | 100 | 10 |
| T521V336M025ATE060 | V/7343-20 | 33 | 25 | 82.5 | 10 | 60 | 10 |
| T521D107M025ATE060 | D/7343-31 | 100 | 25 | 250.0 | 10 | 60 | 10 |
| T521B106M035ATE200 | B/3528-21 | 10 | 35 | 35.0 | 8 | 200 | 10 |
| T521D336M035ATE065 | D/7343-31 | 33 | 35 | 115.5 | 10 | 65 | 10 |
| T521X476M035ATE030 | X/7343-43 | 47 | 35 | 164.5 | 10 | 30 | 10 |
| T521X336M050ATE075 | X/7343-43 | 33 | 50 | 165.0 | 10 | 75 | 10 |
| T521D106M050ATE090 | D/7343-31 | 10 | 50 | 50.0 | 10 | 90 | 10 |
| T521B155M063ATE200 | B/3528-21 | 1.5 | 63 | 9.5 | 8 | 200 | 10 |
| T521D475M075ATE075 | D/7343-31 | 4.7 | 75 | 10 | 75 | 1,700 | 10 |
| T521X156M075ATE035 | X/7343-43 | 15 | 75 | 10 | 35 | 2,600 | 10 |

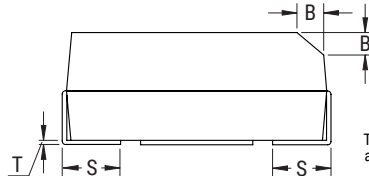
Dimensions – Millimeters (Inches)

Metric will govern

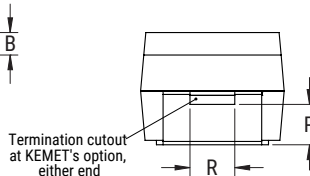
CATHODE (-) END VIEW



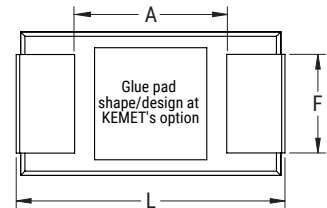
SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



| Case Size | | Component Dimensions | | | | | | | | | | | Total Weight (mg) |
|-----------|---------|----------------------------|----------------------------|------------------------------|--------------------|--|--------------------------|------------------------------|----------------|----------------|-----------------|----------------|-------------------|
| KEMET | EIA | L | W | H | F ±0.1 ±(0.004) | S ±0.3 ±(0.012) S1 ±0.4 (0.0157) S2 ±0.2 (0.00) | B ±0.15 (Ref.) ±0.006 | X (Ref.) | P (Ref.) | R (Ref.) | T (Ref.) | A (Min.) | |
| B | 3528-21 | 3.5 ±0.2 (0.138 ±0.008) | 2.8 ±0.2 (0.110 ±0.008) | 1.9 ±0.2 (0.075 ±0.008) | 2.2 (0.087) | 0.80 (0.032) | 0.4 (0.016) | 0.10 ±0.10 (0.004 ±0.004) | 0.5 (0.020) | 1.0 (0.039) | 0.13 (0.005) | 1.9 (0.075) | 95 |
| 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) | 1.30 (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) | 3.6 (0.142) | 435 |
| V | 7343-19 | 7.3 ±0.3 (0.287 ±0.012) | 4.3 ±0.3 (0.169 ±0.012) | 1.8 ±0.1 * (0.071 ±0.004) | 2.4 (0.094) | 1.30 (0.051) | N/A | 0.05 (0.002) | N/A | N/A | 0.13 (0.005) | 3.6 (0.142) | 274 |
| 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) | 1.30 (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) | 3.6 (0.142) | 554 |

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.

Mouser Electronics

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