

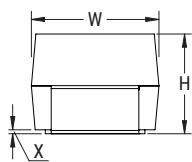
Sample Kit Contents

| KEMET Part Number | Case Code/ Case Size | Rated Cap | Rated Voltage | DC Leakage | DF | ESR | Quantity |
|-------------------|-------------------------|-----------|---------------|-----------------------------|-------------------------|---------------------------|----------|
| | KEMET/EIA | μF | VDC @ 85°C | μA @ +20°C Max/5 Minutes | % @ +20°C 120 Hz Max | mΩ @ +20°C 100 kHz Max | |
| T491A107M004AT | A/3216-18 | 100 | 4 | 4.0 | 30.0 | 4.0 | 10 |
| T491B107M006AT | B/3528-21 | 100 | 6.3 | 6.3 | 12.0 | 2.0 | 10 |
| T491D477M006AT | D/7343-31 | 470 | 6.3 | 29.6 | 12.0 | 0.4 | 10 |
| T491A156M010AT | A/3216-18 | 15 | 10 | 1.5 | 8.0 | 6.0 | 10 |
| T491B686M010AT | B/3528-21 | 68 | 10 | 6.8 | 8.0 | 1.0 | 10 |
| T491C157M010AT | C/6032-28 | 150 | 10 | 15.0 | 10.0 | 0.9 | 10 |
| T491D337M010AT | D/7343-31 | 330 | 10 | 33.0 | 10.0 | 0.5 | 10 |
| T491X477M010AT | X/7343-43 | 470 | 10 | 47.0 | 10.0 | 0.2 | 10 |
| T491A106M016AT | A/3216-18 | 10 | 16 | 1.6 | 6.0 | 3.0 | 10 |
| T491C476M016AT | C/6032-28 | 47 | 16 | 7.5 | 6.0 | 1.0 | 10 |
| T491D107M016AT | D/7343-31 | 100 | 16 | 16.0 | 8.0 | 0.7 | 10 |
| T491A475M020AT | A/3216-18 | 4.7 | 20 | 0.9 | 6.0 | 4.0 | 10 |
| T491B106M025AT | B/3528-21 | 10 | 25 | 2.5 | 6.0 | 2.0 | 10 |
| T491D476M025AT | D/7343-31 | 47 | 25 | 11.8 | 6.0 | 0.7 | 10 |
| T491D686M025AT | D/7343-31 | 68 | 25 | 17.0 | 10.0 | 0.7 | 10 |
| T491A105M035AT | A/3216-18 | 1.0 | 35 | 0.5 | 4.0 | 7.0 | 10 |
| T491C106M035AT | C/6032-28 | 10 | 35 | 3.5 | 6.0 | 1.6 | 10 |
| T491X476M035AT | X/7343-43 | 47 | 35 | 16.5 | 6.0 | 0.6 | 10 |
| T491D475M050AT | D/7343-31 | 4.7 | 50 | 2.4 | 6.0 | 1.2 | 10 |
| T491X156M050AT | X/7343-43 | 15 | 50 | 7.5 | 8.0 | 0.7 | 10 |

Dimensions – Millimeters (Inches)

Metric will govern

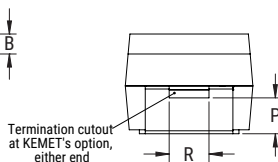
CATHODE (-) END VIEW



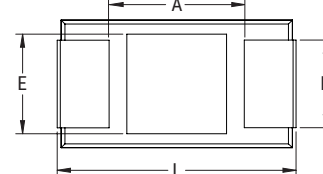
SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



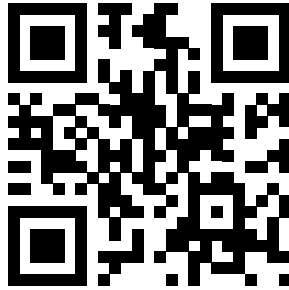
| Case Size | | Component | | | | | | | | | | | | |
|-----------|---------|--------------------------|--------------------------|--------------------------|---------------------|---------------------|--------------------------|----------------------------|----------------|----------------|-----------------|----------------|----------------|----------------|
| KEMET | EIA | L* | W* | H* | F* ±0.1 ±(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±0.2 (0.075±0.008) | 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) |
| C | 6032-28 | 6.0±0.3 (0.236±0.03) | 3.2±0.3 (0.126±0.012) | 2.5±0.3 (0.098±0.012) | 2.2 (0.087) | 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) | 2.5 (0.098) | 2.8 (0.110) | 2.4 (0.094) |
| 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) |
| 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) |

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

* 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.



www.kemet.com/T491