



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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T591/T598 High Humidity/High Temperature Automotive Grade Polymer Electrolytic

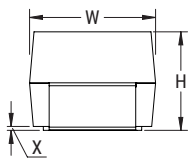
Sample Kit Contents

| KEMET Part Number | Case Code/ Case Size | Rated Cap | Rated Voltage | DC Leakage | DF | ESR | Maximum Operating Temp | Quantity |
|--------------------|-------------------------|-----------|---------------|------------------------------|--------------------------|----------------------------|------------------------|----------|
| | KEMET/EIA | μF | VDC at 105°C | μA at +25°C Max/5 Minutes | % at +25°C 120 Hz Max | mΩ at +25°C 100 kHz Max | °C | |
| T591V227M2R5ATE009 | V/7343-20 | 220 | 2.5 | 55 | 10 | 9 | 105 | 10 |
| T598D337M006ATE025 | D/7343-31 | 330 | 6.3 | 208 | 10 | 25 | 125 | 10 |
| T598B476M010ATE070 | B/3528-21 | 47 | 10 | 47 | 8 | 70 | 125 | 10 |
| T598D227M010ATE025 | D/7343-31 | 220 | 10 | 220 | 10 | 25 | 125 | 10 |
| T591B476M010ATE070 | B/3528-21 | 47 | 10 | 47 | 8 | 70 | 125 | 10 |
| T591D107M010ATE025 | D/7343-31 | 100 | 10 | 100 | 10 | 25 | 125 | 10 |
| T598D107M016ATE050 | D/7343-31 | 100 | 16 | 160 | 10 | 50 | 125 | 10 |
| T591D336M025ATE060 | D/7343-31 | 33 | 25 | 82.5 | 10 | 60 | 125 | 10 |
| T591V106M035ATE120 | V/7343-20 | 10 | 35 | 35 | 10 | 120 | 125 | 10 |
| T591D106M050ATE090 | D/7343-31 | 10 | 50 | 50 | 10 | 90 | 125 | 10 |

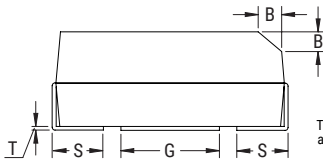
Dimensions – Millimeters (Inches)

Metric will govern

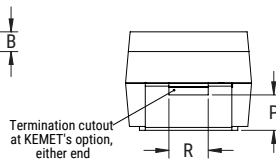
CATHODE (-) END VIEW



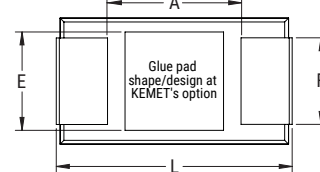
SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



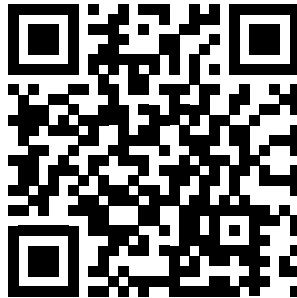
| Case Size | | Component | | | | | | | | | | | | | |
|-----------|---------|--------------------------|--------------------------|--------------------------|---------------------|---------------------|--------------------------|----------------------------|----------------|----------------|-----------------|----------------|----------------|----------------|--|
| 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) | |
| 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 max (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) | |

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.



www.kemet.com/T591-T598