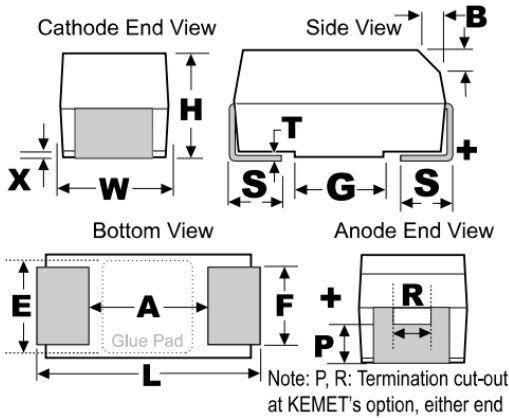




**THE DATASHEET OF
T599X336M035ATE065**



Capacitor, Tantalum, SMD, Polymer, Molded, Low ESR, High Temp, AEC-Q200, 33µF, 7343, ±20% Tol, 35V@105°C



General Information

| | |
|-------------------------------|----------------------------------|
| Supplier: | KEMET |
| Part Type Description: | SMD, Polymer, Molded, Automotive |
| Construction: | Standard Chip Polymer |
| Body Type: | Molded Chip |
| Application: | High Temp/Automotive (AEC-Q200) |
| Typical Weight: | 434.83mg |

Specifications

| | |
|-------------------------------|--------------------|
| Capacitance: | 33µF |
| Voltage DC @ 105°C: | 35V |
| Voltage DC @ 125°C: | 28V |
| Voltage DC @ 150°C: | 23.45V |
| Capacitance Tolerance: | ± 20% |
| Testing: | AEC-Q200 Qualified |
| Temperature Range: | -55°C to 150°C |
| Failure Rate: | A = N/A |
| ESR @ 100kHz: | 65mΩ |
| Footprint: | 7343 |
| Termination: | 100% Tin (Sn) |
| RoHS Compliant: | Yes |
| Leakage Current: | 115.5µA |
| Dissipation Factor: | 10% |
| Ripple Current @ 45°C: | 1860mA |

Dimensions (mm)

| Symbol | Dimension | Tolerance |
|--------|-----------|-----------|
| L | 7.30 | ± 0.30 |
| W | 4.30 | ± 0.30 |
| H | 4.00 | ± 0.30 |
| F | 2.40 | ± 0.10 |
| S | 1.30 | ± 0.30 |
| B | 0.50 | ± 0.15 |
| X | 0.10 | ± 0.10 |
| P | 0.90 | REF |
| R | 1.00 | REF |
| T | 0.13 | REF |
| A | 3.80 | MIN |
| G | 3.50 | REF |
| E | 3.50 | REF |

Packaging Specifications

| | |
|--------------------------|-------------|
| Package Kind: | Tape & Reel |
| Package Size: | 7" |
| Package Quantity: | 500 |



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