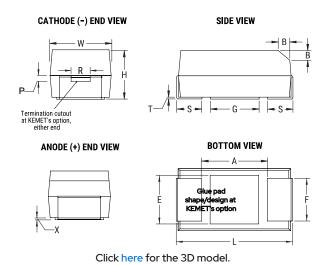


T510X337K010AHA035

T510 Auto, Tantalum, MnO2 Tantalum, Multi-Anode, 330 uF, 10%, 10 VDC, SMD, MnO2, Multi-Anode, LowESR, Auto, AEC-Q200, 35 mOhms, 7343, 4.3 mm, 1.3 mm



| General Information | |
|--------------------------|--|
| Series | T510 Auto |
| Dielectric | MnO2 Tantalum |
| Style | SMD Chip |
| Description | SMD, MnO2, Multi-Anode, LowESR, Auto, AEC-Q200 |
| Features | Automotive, Low ESR |
| RoHS | No |
| Prop 65 | WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov / |
| SCIP Number | b064b03e-bd75-42af-b342-1fe 94dec2340 |
| Termination | Tin Lead (SnPb) |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Typical Component Weight | 430.15 mg |
| MSL | 1 |

| Dimensions | |
|------------|--------------------|
| L | 7.3mm +/-0.3mm |
| W | 4.3mm +/-0.3mm |
| Н | 4mm +/-0.3mm |
| Т | 0.13mm REF |
| S | 1.3mm +/-0.3mm |
| F | 2.4mm +/-0.1mm |
| A | 3.8mm MIN |
| В | 0.5mm +/-0.15mm |
| E | 3.5mm REF |
| G | 3.5mm REF |
| Р | 1.7mm REF |
| R | 1mm REF |
| Х | 0.1mm +/-0.1mm REF |

T&R, 178mm

500

Packaging Specifications

Packaging Quantity

Packaging

| Specifications | |
|--------------------|--|
| Capacitance | 330 uF |
| Tolerance | 10% |
| Voltage DC | 10 VDC (85C), 6.7 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 6% 120Hz 25C |
| Failure Rate | N/A |
| ESR | 35 mOhms (100kHz 25C) |
| Ripple Current | 2777 mA (rms, 100kHz 25C), 2499.3 mA (rms, 85C), 1110.8 mA (rms, 125C) |
| Leakage Current | 33 uA (5min 25°C) |

| Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and |
|--|
| we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the |
| requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us |
| with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained |

Generated 09/01/2025 © 2006 - 2025 YAGEO