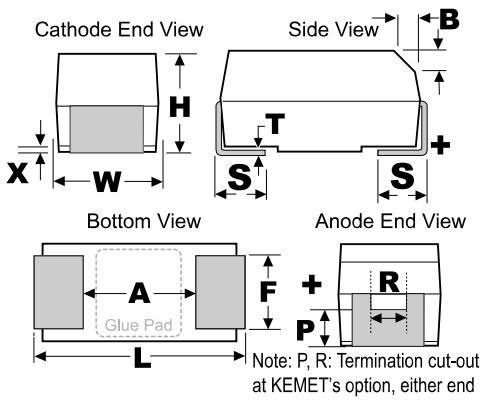
# KEMET Part Number: T520B107M004ATE035

T520, Tantalum, Polymer Tantalum, 100 uF, 20%, 4 V, SMD, Polymer, Molded, Low ESR, Non-Combustible, 35 mOhms, 3528, Height Max = 2.1mm




| General Information | |
|---|---|
| **Supplier:** | KEMET |
| **Series:** | T520 |
| **Dielectric:** | Polymer Tantalum |
| **Style:** | SMD Chip |
| **Description:** | SMD, Polymer, Molded, Low ESR, Non-Combustible |
| **Features:** | Low ESR |
| **RoHS:** | Yes |
| **Termination:** | Tin |

| Dimensions | |
|---|---|
| **Footprint** | 3528 |
| **L** | 3.5mm +/-0.2mm |
| **W** | 2.8mm +/-0.2mm |
| **H** | 1.9mm +/-0.2mm |
| **T** | 0.13mm REF |
| **S** | 0.8mm +/-0.3mm |
| **F** | 2.2mm +/-0.1mm |
| **A** | 1.9mm MIN |
| **B** | 0.4mm +/-0.15mm |
| **P** | 0.5mm REF |
| **R** | 1mm REF |
| **X** | 0.1mm +/-0.1mm |

| Specifications | |
|---|---|
| **Capacitance:** | 100 uF |
| **Capacitance Tolerance:** | 20% |
| **Voltage DC:** | 4 VDC (105C) |
| **Temperature Range:** | -55/+105C |
| **Rated Temperature:** | 105C |
| **Dissipation Factor:** | 8% 120Hz 25C |
| **Failure Rate:** | N/A |
| **Resistance:** | 35 mOhms (100kHz 25C) |
| **Current:** | 1900 mA (100kHz 45C), 1330 mA (85C), 475 mA (105C) |
| **Leakage Current:** | 40 uA (5min 25C) |

| Packaging Specifications | |
|---|---|
| **Weight:** | 94.85 mg |
| **Packaging:** | T&R, 178mm |
| **Packaging Quantity:** | 2000 |

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.

© 2006 - 2018 IntelliData.net