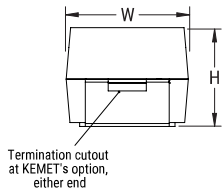


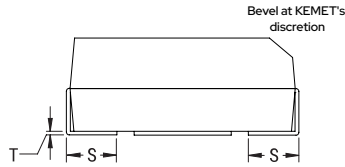
## T521V226M035ATE100

T521, Tantalum, Polymer Tantalum, Commercial Grade, 22 uF, 20%, 35 VDC, SMD, Polymer, Molded, Low ESR, Non-Combustible, 100 mOhms, 7343, 2 mm, 1.3 mm

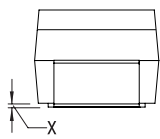
CATHODE (-) END VIEW



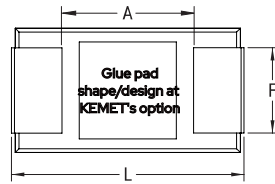
SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



Click [here](#) for the 3D model.

### General Information

|                          |  |
|--------------------------|--|
| Series                   | T521   |
| Dielectric               | Polymer Tantalum                               |
| Style                    | SMD Chip                                       |
| Description              | SMD, Polymer, Molded, Low ESR, Non-Combustible |
| Features                 | Low ESR, High Voltage                          |
| RoHS                     | Yes  |
| Termination              | Tin  |
| AEC-Q200                 | No   |
| Typical Component Weight | 274.3 mg                                       |
| Shelf Life               | 52 Weeks                                       |
| MSL                      | 3  |

### Specifications

|                    |   |
|--------------------|---|
| Capacitance        | 22 uF   |
| Tolerance          | 20%   |
| Voltage DC         | 35 VDC (105C)   |
| Temperature Range  | -55/+105°C  |
| Rated Temperature  | 105°C   |
| Life               | 2000 Hrs (105C)   |
| Humidity           | 60C, 90% RH, 500 Hours, No Load                                   |
| Dissipation Factor | 10% 120Hz 25C   |
| Failure Rate       | N/A   |
| ESR                | 100 mOhms (100kHz 25C)  |
| Ripple Current     | 1640 mA (rms, 100kHz 45C), 1148 mA (rms, 85C), 410 mA (rms, 105C) |
| Leakage Current    | 77 uA (5min 25°C)   |

### Dimensions

|   |                |
|---|----------------|
| L | 7.3mm +/-0.3mm |
| W | 4.3mm +/-0.3mm |
| H | 1.8mm +/-0.2mm |
| T | 0.13mm REF     |
| S | 1.3mm +/-0.3mm |
| F | 2.4mm +/-0.1mm |
| A | 3.8mm MIN      |
| X | 0.05mm REF     |

### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, 178mm |
| Packaging Quantity | 1000       |

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.