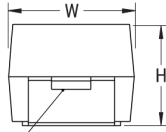
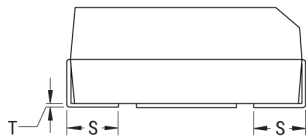


### CATHODE (-) END VIEW

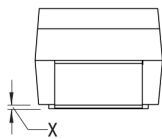


Termination cutout at KEMET's option, either end

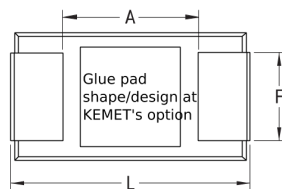
### SIDE VIEW



### ANODE (+) END VIEW



### BOTTOM VIEW



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

### Dimensions

|           |                |
|-----------|----------------|
| Footprint | 7343           |
| 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       |

### 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           | 100 uF  |
| Capacitance Tolerance | 20%   |
| Voltage DC            | 16 VDC (105C), 10.72 VDC (125C)                                       |
| Temperature Range     | -55/+125°C  |
| Rated Temperature     | 105°C   |
| Life                  | 2000 Hrs (125C)   |
| Humidity              | 60C, 90% RH, 500 Hours, No Load                                       |
| Dissipation Factor    | 10% 120Hz 25C   |
| Failure Rate          | N/A   |
| Resistance            | 50 mOhms (100kHz 25C)   |
| Ripple Current        | 2320 mA (rms, 100kHz 45/85C), 1624 mA (rms, 105C), 580 mA (rms, 125C) |
| Leakage Current       | 80 uA (5min 25°C)   |