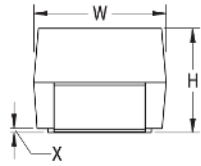
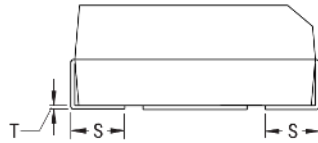


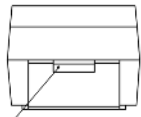
CATHODE (-) END VIEW



SIDE VIEW

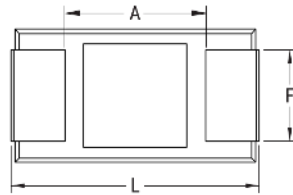


ANODE (+) END VIEW



Termination cutout at KEMET's option, either end

BOTTOM VIEW



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

### Dimensions

|           |                |
|-----------|----------------|
| Footprint | 7360           |
| L         | 7.3mm +/-0.3mm |
| W         | 6mm +/-0.3mm   |
| H         | 4mm +/-0.3mm   |
| T         | 0.13mm REF     |
| S         | 1.3mm +/-0.3mm |
| F         | 4.1mm +/-0.1mm |
| A         | 3.3mm MIN      |
| X         | 0.1mm +/-0.1mm |

### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, 330mm |
| 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 | Nickel Palladium Gold                          |
| AEC-Q200    | No   |
| Shelf Life  | 52 Weeks                                       |
| MSL         | 3  |

### Specifications

|                       |   |
|-----------------------|---|
| Capacitance           | 470 uF  |
| Capacitance Tolerance | 20%   |
| Voltage DC            | 16 VDC (105C)   |
| Temperature Range     | -55/+105°C  |
| Rated Temperature     | 105°C   |
| Life                  | 2000 Hrs (105C)   |
| Humidity              | 60C, 90% RH, no load, 500 Hours                                     |
| Dissipation Factor    | 10% 120Hz 25C   |
| Failure Rate          | N/A   |
| Resistance            | 70 mOhms (100kHz 25C)   |
| Ripple Current        | 2070 mA (rms, 100kHz 45C), 1449 mA (rms, 85C), 517.5 mA (rms, 105C) |
| Leakage Current       | 752 uA (5min 25°C)  |