

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, 178mm |
| Packaging Quantity | 500 |

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) |