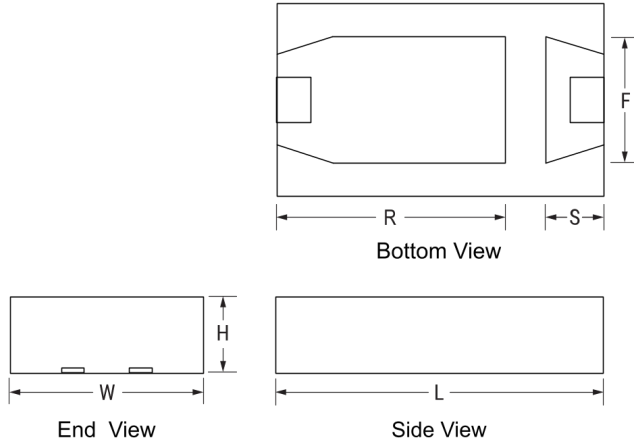


## T528Z477M2R5ATE006

T528, Tantalum, Polymer Tantalum, Reduced Volume, 470 uF, 20%, 2.5 VDC, SMD, Polymer, Low ESR, NonCombustible, Face Down, 6 mOhms, 7343, Height Max = 1.7mm



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

### Dimensions

|           |                |
|-----------|----------------|
| Footprint | 7343           |
| L         | 7.3mm +/-0.4mm |
| W         | 4.3mm +/-0.3mm |
| H         | 1.6mm +/-0.1mm |
| S         | 1.3mm +/-0.2mm |
| F         | 2.8mm +/-0.2mm |
| R         | 5mm +/-0.4mm   |

### Packaging Specifications

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

### General Information

|                  |  |
|------------------|--|
| Series           | T528   |
| Dielectric       | Polymer Tantalum                                 |
| Style            | SMD Chip   |
| Description      | SMD, Polymer, Low ESR, NonCombustible, Face Down |
| Features         | Face Down, Low ESR                               |
| RoHS             | Yes  |
| Termination      | Tin  |
| AEC-Q200         | No   |
| Component Weight | 206.33 mg  |
| Shelf Life       | 52 Weeks   |
| MSL              | 3  |

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 470 uF   |
| Capacitance Tolerance | 20%  |
| Voltage DC            | 2.5 VDC (105C)   |
| Temperature Range     | -55/+105°C   |
| Rated Temperature     | 105°C  |
| Humidity              | 60C, 90% RH, no load, 500 Hours                                    |
| Dissipation Factor    | 10% 120Hz 25C  |
| Failure Rate          | N/A  |
| Resistance            | 6 mOhms (100kHz 25C)   |
| Ripple Current        | 7400 mA (rms, 100kHz 45C), 5180 mA (rms, 85C), 1850 mA (rms, 105C) |
| Leakage Current       | 117.5 uA (5min 25°C)   |

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