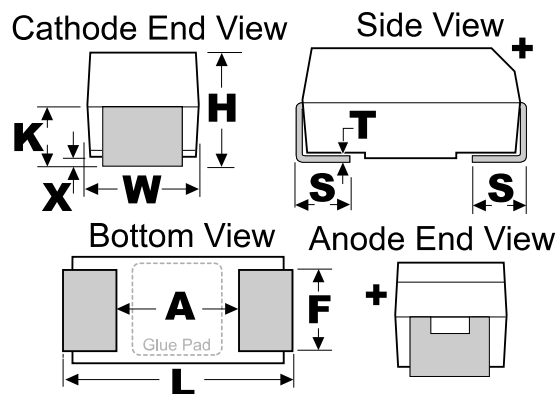


Tantalum, Polymer Tantalum, T591, 330 uF, 20%, 2.5 V, 7343, SMD, Polymer, Molded, Low ESR, 12 mOhms, Height Max = 2mm



### General Information

|                     |                                       |
|---------------------|---------------------------------------|
| <b>Dielectric:</b>  | Polymer Tantalum                      |
| <b>Style:</b>       | SMD Chip                              |
| <b>Series:</b>      | T591                                  |
| <b>Description:</b> | SMD, Polymer, Molded, Low ESR         |
| <b>Features:</b>    | Automotive                            |
| <b>RoHS:</b>        | Yes                                   |
| <b>Termination:</b> | Tin                                   |
| <b>Approvals:</b>   | AEC-Q200 (limited 500h 85C/85% RH/Ur) |
| <b>AEC-Q200:</b>    | Yes                                   |

### Dimensions

|                  |                |
|------------------|----------------|
| <b>Footprint</b> | 7343           |
| <b>L</b>         | 7.3mm +/-0.3mm |
| <b>W</b>         | 4.3mm +/-0.3mm |
| <b>H</b>         | 1.9mm +/-0.1mm |
| <b>T</b>         | 0.13mm REF     |
| <b>S</b>         | 1.3mm +/-0.3mm |
| <b>F</b>         | 2.4mm +/-0.1mm |
| <b>A</b>         | 3.8mm MIN      |
| <b>X</b>         | 0.5mm REF      |

### Specifications

|                               |   |
|-------------------------------|---|
| <b>Capacitance:</b>           | 330 uF  |
| <b>Capacitance Tolerance:</b> | 20%   |
| <b>Voltage DC:</b>            | 2.5 VDC (105C)  |
| <b>Temperature Range:</b>     | -55/+105C   |
| <b>Dissipation Factor:</b>    | 10% 120Hz 25C   |
| <b>Failure Rate:</b>          | N/A   |
| <b>Resistance:</b>            | 12 mOhms (100kHz 25C)   |
| <b>Current:</b>               | 3947 mAmps (100kHz 45C),<br>3552.3 mAmps (85C), 1578.8 mAmps (105C) |
| <b>Leakage Current:</b>       | 82.5 uAmps (5min 25C)   |

### Packaging Specifications

|                            |            |
|----------------------------|------------|
| <b>Weight:</b>             | 274.3 mg   |
| <b>Packaging:</b>          | T&R, 178mm |
| <b>Packaging Quantity:</b> | 1000       |