

Tantalum, Polymer Tantalum, T521, 33 uF, 20%, 25 V, 7343, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 60 mOhms, Height Max = 2mm



| General Information |                                                       |
|---------------------|-------------------------------------------------------|
| <b>Dielectric:</b>  | Polymer Tantalum                                      |
| <b>Style:</b>       | SMD Chip                                              |
| <b>Series:</b>      | T521                                                  |
| <b>Description:</b> | SMD, Polymer, Molded, Low Profile/ESR, NonCombustible |
| <b>Features:</b>    | Low ESR, High Voltage                                 |
| <b>RoHS:</b>        | Yes                                                   |
| <b>Termination:</b> | Tin                                                   |

| Dimensions       |                |
|------------------|----------------|
| <b>Footprint</b> | 7343           |
| <b>L</b>         | 7.3mm +/-0.3mm |
| <b>W</b>         | 4.3mm +/-0.3mm |
| <b>H</b>         | 1.8mm +/-0.2mm |
| <b>T</b>         | 0.13mm REF     |
| <b>S</b>         | 1.3mm +/-0.3mm |
| <b>F</b>         | 2.4mm +/-0.1mm |
| <b>A</b>         | 3.6mm MIN      |
| <b>X</b>         | 0.05mm REF     |

| Specifications                |                                                                |
|-------------------------------|----------------------------------------------------------------|
| <b>Capacitance:</b>           | 33 uF                                                          |
| <b>Capacitance Tolerance:</b> | 20%                                                            |
| <b>Voltage DC:</b>            | 25 VDC (105C)                                                  |
| <b>Temperature Range:</b>     | -55/+105C                                                      |
| <b>Dissipation Factor:</b>    | 10% 120Hz 25C                                                  |
| <b>Failure Rate:</b>          | N/A                                                            |
| <b>Resistance:</b>            | 60 mOhms (100kHz 25C)                                          |
| <b>Current:</b>               | 1800 mAmps (100kHz 45C),<br>1260 mAmps (85C), 450 mAmps (105C) |
| <b>Leakage Current:</b>       | 82.5 uA (5min 25C)                                             |

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