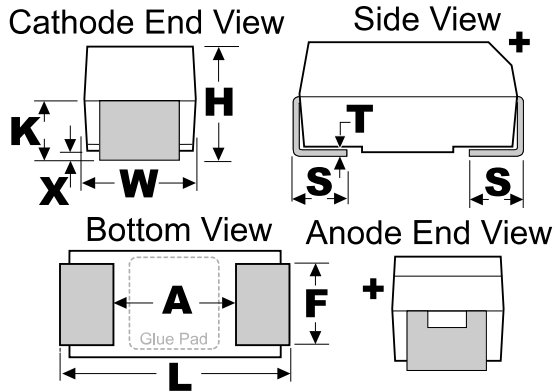


Tantalum, Polymer Tantalum, T525, 100 uF, 20%, 2.5 V, 3528, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 80 mOhms, 1.2mm



| General Information |                                                       |
|---------------------|-------------------------------------------------------|
| <b>Dielectric:</b>  | Polymer Tantalum                                      |
| <b>Style:</b>       | SMD Chip                                              |
| <b>Series:</b>      | T525                                                  |
| <b>Description:</b> | SMD, Polymer, Molded, Low Profile/ESR, NonCombustible |
| <b>Features:</b>    | Low ESR                                               |
| <b>RoHS:</b>        | Yes                                                   |
| <b>Termination:</b> | Tin                                                   |

| Dimensions       |                |
|------------------|----------------|
| <b>Footprint</b> | 3528           |
| <b>L</b>         | 3.5mm +/-0.2mm |
| <b>W</b>         | 2.8mm +/-0.2mm |
| <b>H</b>         | 1.1mm +/-0.1mm |
| <b>T</b>         | 0.13mm REF     |
| <b>S</b>         | 0.8mm +/-0.3mm |
| <b>F</b>         | 2.2mm +/-0.1mm |
| <b>A</b>         | 1.1mm MIN      |
| <b>X</b>         | 0.05mm REF     |

| Specifications                |                                                            |
|-------------------------------|------------------------------------------------------------|
| <b>Capacitance:</b>           | 100 uF                                                     |
| <b>Capacitance Tolerance:</b> | 20%                                                        |
| <b>Voltage DC:</b>            | 2.5 VDC (105C), 1.68 VDC (125C)                            |
| <b>Temperature Range:</b>     | -55/+125C                                                  |
| <b>Dissipation Factor:</b>    | 10% 120Hz 25C                                              |
| <b>Failure Rate:</b>          | N/A                                                        |
| <b>Resistance:</b>            | 80 mOhms (100kHz 25C)                                      |
| <b>Current:</b>               | 1100 mAmps (100kHz 45C), 770 mAmps (85C), 275 mAmps (125C) |
| <b>Leakage:</b>               | 25 uAmps (5min 5C)                                         |

| Packaging Specifications   |            |
|----------------------------|------------|
| <b>Weight:</b>             | 54.84 mg   |
| <b>Packaging:</b>          | T&R, 178mm |
| <b>Packaging Quantity:</b> | 2500       |