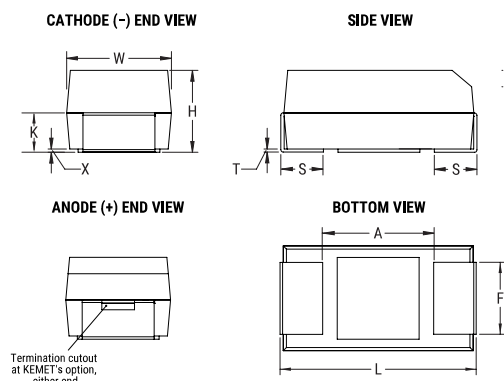


T521, Tantalum, Polymer Tantalum, 33 uF, 20%, 25 VDC, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 60 mOhms, 7343, Height Max = 2mm



### Dimensions

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

### Packaging Specifications

|                     |            |
|---------------------|------------|
| Weight:             | 274.3 mg   |
| Packaging:          | T&R, 178mm |
| Packaging Quantity: | 1000       |

### General Information

|              |                                                       |
|--------------|-------------------------------------------------------|
| Supplier:    | KEMET                                                 |
| Series:      | T521                                                  |
| Dielectric:  | Polymer Tantalum                                      |
| Style:       | SMD Chip                                              |
| Description: | SMD, Polymer, Molded, Low Profile/ESR, NonCombustible |
| Features:    | Low ESR, High Voltage                                 |
| RoHS:        | Yes                                                   |
| Termination: | Tin                                                   |
| Shelf Life:  | 52 Weeks                                              |
| MSL:         | 3                                                     |

### Specifications

|                        |                                                    |
|------------------------|----------------------------------------------------|
| Capacitance:           | 33 uF                                              |
| Capacitance Tolerance: | 20%                                                |
| Voltage DC:            | 25 VDC (105C)                                      |
| Temperature Range:     | -55/+105C                                          |
| Rated Temperature:     | 105°C                                              |
| Humidity:              | 60C, 90% RH, 500 Hours, No Load                    |
| Dissipation Factor:    | 10.00% 120Hz 25C                                   |
| Failure Rate:          | N/A                                                |
| Resistance:            | 60 mOhms (100kHz 25C)                              |
| Ripple Current:        | 1800 mA (100kHz 45C), 1260 mA (85C), 450 mA (105C) |
| Leakage Current:       | 82.5 uA (5min 25C)                                 |