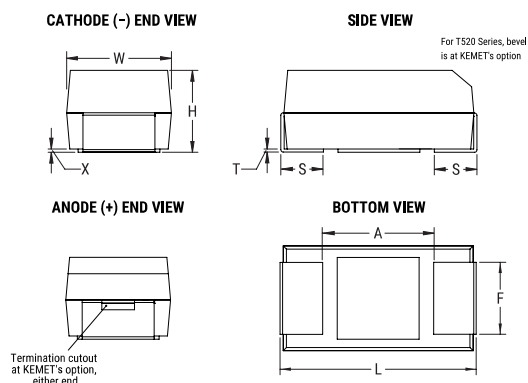


T520, Tantalum, Polymer Tantalum, 150 uF, 20%, 10 VDC, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 18 mOhms, 7343, Height Max = 1.9mm



### Dimensions

| Footprint | 7343           |
|-----------|----------------|
| L         | 7.3mm +/-0.3mm |
| W         | 4.3mm +/-0.3mm |
| H         | 1.8mm +/-0.1mm |
| 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:      | T520  |
| Dielectric:  | Polymer Tantalum                                      |
| Style:       | SMD Chip  |
| Description: | SMD, Polymer, Molded, Low Profile/ESR, NonCombustible |
| Features:    | Low ESR   |
| RoHS:        | Yes   |
| Termination: | Tin   |
| Shelf Life:  | 52 Weeks  |
| MSL:         | 3   |

### Specifications

|                        |  |
|------------------------|--|
| Capacitance:           | 150 uF   |
| Capacitance Tolerance: | 20%  |
| Voltage DC:            | 10 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:            | 18 mOhms (100kHz 25C)                              |
| Ripple Current:        | 3200 mA (100kHz 45C), 2240 mA (85C), 800 mA (105C) |
| Leakage Current:       | 150 uA (5min 25C)                                  |