

T520, Tantalum, Polymer Tantalum, 680 uF, 20%, 4 VDC, SMD, Polymer, Molded, Low ESR, Non-Combustible, 7343, Height Max = 4mm



### Dimensions

| Footprint | 7343            |
|-----------|-----------------|
| L         | 7.3mm +/-0.3mm  |
| W         | 4.3mm +/-0.3mm  |
| H         | 3.8mm +/-0.2mm  |
| T         | 0.13mm REF      |
| S         | 1.3mm +/-0.3mm  |
| F         | 2.4mm +/-0.1mm  |
| A         | 3.8mm MIN       |
| B         | 0.5mm +/-0.15mm |
| P         | 1.7mm REF       |
| R         | 1mm REF         |
| X         | 0.1mm +/-0.1mm  |

### Packaging Specifications

|                     |            |
|---------------------|------------|
| Weight:             | 493.99 mg  |
| Packaging:          | T&R, 178mm |
| Packaging Quantity: | 500        |

### General Information

|              |  |
|--------------|--|
| Series:      | T520   |
| Dielectric:  | Polymer Tantalum                               |
| Style:       | SMD Chip                                       |
| Description: | SMD, Polymer, Molded, Low ESR, Non-Combustible |
| Features:    | Low ESR  |
| RoHS:        | Yes  |
| Termination: | Tin  |
| AEC-Q200:    | No   |
| Shelf Life:  | 52 Weeks                                       |
| MSL:         | 3  |

### Specifications

|                        |   |
|------------------------|---|
| Capacitance:           | 680 uF  |
| Capacitance Tolerance: | 20%   |
| Voltage DC:            | 4 VDC (105C)  |
| Temperature Range:     | -55/+105°C  |
| Rated Temperature:     | 105°C   |
| Humidity:              | 60C, 90% RH, 500 Hours, No Load                                   |
| Dissipation Factor:    | 10% 120Hz 25C   |
| Failure Rate:          | N/A   |
| Resistance:            | 25 mOhms (100kHz 25C)   |
| Ripple Current:        | 3100 mA (rms, 100kHz 45C), 2170 mA (rms, 85C), 775 mA (rms, 105C) |
| Leakage Current:       | 272 uA (5min 25°C)  |