

T520, Tantalum, Polymer Tantalum, 330 uF, 20%, 4 V, 7343, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 25 mOhms, Height Max = 1.9mm



| 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   |

| 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     |

| Specifications         |  |
|------------------------|--|
| Capacitance:           | 330 uF   |
| Capacitance Tolerance: | 20%  |
| Voltage DC:            | 4 VDC (105C)   |
| Temperature Range:     | -55/+105C  |
| Dissipation Factor:    | 10% 120Hz 25C  |
| Failure Rate:          | N/A  |
| Resistance:            | 25 mOhms (100kHz 25C)  |
| Current:               | 2700 mAmps (100kHz 45C),<br>1890 mAmps (85C), 675 mAmps (105C) |
| Leakage Current:       | 132 uA (5min 25C)  |

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