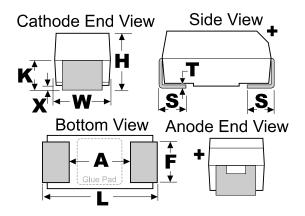
## KEMET Part Number: T520V107M006ATE007



Tantalum, Polymer Tantalum, T520, 100 uF, 20%, 6.3 V, 7343, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 7 mOhms, Height Max = 1.9mm



| Dimensions |                |  |
|------------|----------------|--|
| Footprint  | 7343           |  |
| L          | 7.3mm +/-0.3mm |  |
| W          | 4.3mm +/-0.3mm |  |
| Н          | 1.8mm +/-0.1mm |  |
| Т          | 0.13mm REF     |  |
| S          | 1.3mm +/-0.3mm |  |
| F          | 2.4mm +/-0.1mm |  |
| Α          | 3.6mm MIN      |  |
|            | <del></del>    |  |

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

0.05mm REF

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| General Information |                                                          |  |
|---------------------|----------------------------------------------------------|--|
| Dielectric:         | Polymer Tantalum                                         |  |
| Style:              | SMD Chip                                                 |  |
| Series:             | T520                                                     |  |
| Description:        | SMD, Polymer, Molded, Low<br>Profile/ESR, NonCombustible |  |
| Features:           | Low ESR                                                  |  |
| RoHS:               | Yes                                                      |  |
| Termination:        | Tin                                                      |  |

| Specifications         |                                                                    |  |
|------------------------|--------------------------------------------------------------------|--|
| Capacitance:           | 100 uF                                                             |  |
| Capacitance Tolerance: | 20%                                                                |  |
| Voltage DC:            | 6.3 VDC (105C)                                                     |  |
| Temperature Range:     | -55/+105C                                                          |  |
| Dissipation Factor:    | 10% 120Hz 25C                                                      |  |
| Failure Rate:          | N/A                                                                |  |
| Resistance:            | 7 mOhms (100kHz 25C)                                               |  |
| Current:               | 5200 mAmps (100kHz 45C),<br>3640 mAmps (85C), 2470<br>mAmps (105C) |  |
| Leakage Current:       | 63 uAmps (5min 5C)                                                 |  |

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