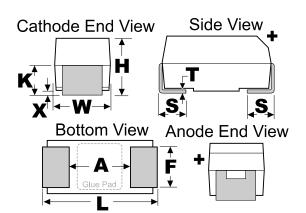
## KEMET Part Number: T521W476M016ATE045



Tantalum, Polymer Tantalum, T521, 47 uF, 20%, 16 V, 7343, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 45 mOhms, 1.5mm



| Dimensions |                |  |
|------------|----------------|--|
| Footprint  | 7343           |  |
| L          | 7.3mm +/-0.3mm |  |
| W          | 4.3mm +/-0.3mm |  |
| Н          | 1.4mm +/-0.1mm |  |
| Т          | 0.13mm REF     |  |
| S          | 1.3mm +/-0.3mm |  |
| F          | 2.4mm +/-0.1mm |  |
| Α          | 3.8mm MIN      |  |
| Х          | 0.05mm REF     |  |

| Packaging Specifications |            |  |
|--------------------------|------------|--|
| Weight:                  | 222.95 mg  |  |
| Packaging:               | T&R, 178mm |  |
| Packaging Quantity:      | 1000       |  |

| General Information |  |  |
|---------------------|--|--|
| Dielectric:         | Polymer Tantalum   |  |
| Style:              | SMD Chip   |  |
| Series:             | T521   |  |
| Description:        | SMD, Polymer, Molded, Low<br>Profile/ESR, NonCombustible |  |
| Features:           | Low ESR, High Voltage                                    |  |
| RoHS:               | Yes  |  |
| Termination:        | Tin  |  |

| Specifications         |   |
|------------------------|---|
| Capacitance:           | 47 uF   |
| Capacitance Tolerance: | 20%   |
| Voltage DC:            | 16 VDC (105C)   |
| Temperature Range:     | -55/+105C   |
| Dissipation Factor:    | 10% 120Hz 25C   |
| Failure Rate:          | N/A   |
| Resistance:            | 45 mOhms (100kHz 25C)   |
| Current:               | 2000 mAmps (100kHz 45C),<br>1400 mAmps (85C), 950 mAmps<br>(105C) |
| Leakage:               | 75.2 uAmps (5min 5C)  |

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