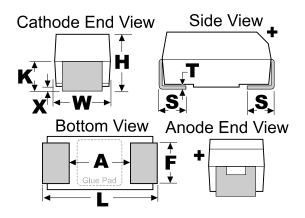
## KEMET Part Number: T520T336M010ATE040



Tantalum, Polymer Tantalum, T520, 33 uF, 20%, 10 V, 3528, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 40 mOhms, Height Max = 1.2mm



| 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  |

| Dimensions |                |
|------------|----------------|
| Footprint  | 3528           |
| L          | 3.5mm +/-0.2mm |
| W          | 2.8mm +/-0.2mm |
| Н          | 1.1mm +/-0.1mm |
| Т          | 0.13mm REF     |
| S          | 0.8mm +/-0.3mm |
| F          | 2.2mm +/-0.1mm |
| A          | 1.9mm MIN      |
| Х          | 0.05mm REF     |

| Specifications         |   |
|------------------------|---|
| Capacitance:           | 33 uF   |
| Capacitance Tolerance: | 20%   |
| Voltage DC:            | 10 VDC (105C)   |
| Temperature Range:     | -55/+105C   |
| Dissipation Factor:    | 8% 120Hz 25C  |
| Failure Rate:          | N/A   |
| Resistance:            | 40 mOhms (100kHz 25C)   |
| Current:               | 1600 mAmps (100kHz 45C),<br>1120 mAmps (85C), 400 mAmps<br>(105C) |
| Leakage Current:       | 33 uA (5min 25C)  |

| Packaging Specifications |            |  |
|--------------------------|------------|--|
| Weight:                  | 54.84 mg   |  |
| Packaging:               | T&R, 178mm |  |
| Packaging Quantity:      | 2500       |  |

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