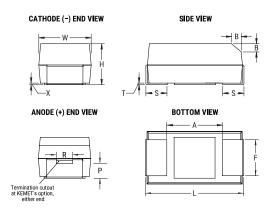
## KEMET Part Number: T530D337M006ATE010



T530, Tantalum, Polymer Tantalum, Multi-Anode, 330 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, Multiple Anodes, Low ESR, 10 mOhms, 7343, Height Max = 3.1mm



| Dimensions |                 |  |
|------------|-----------------|--|
| Footprint  | 7343            |  |
| L          | 7.3mm +/-0.3mm  |  |
| W          | 4.3mm +/-0.3mm  |  |
| Н          | 2.8mm +/-0.3mm  |  |
| Т          | 0.13mm REF      |  |
| S          | 1.3mm +/-0.3mm  |  |
| F          | 2.4mm +/-0.1mm  |  |
| Α          | 3.6mm MIN       |  |
| В          | 0.5mm +/-0.15mm |  |
| Р          | 0.9mm REF       |  |
| R          | 1mm REF         |  |

| Packaging Specifications |            |  |
|--------------------------|------------|--|
| Weight:                  | 307.51 mg  |  |
| Packaging:               | T&R, 178mm |  |
| Packaging Quantity:      | 500        |  |

0.1mm +/-0.1mm

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| General Information |                                                   |  |
|---------------------|---------------------------------------------------|--|
| Supplier:           | KEMET                                             |  |
| Series:             | T530                                              |  |
| Dielectric:         | Polymer Tantalum                                  |  |
| Style:              | SMD Chip                                          |  |
| Description:        | SMD, Polymer, Molded, Multiple<br>Anodes, Low ESR |  |
| Features:           | Low ESR                                           |  |
| RoHS:               | Yes                                               |  |
| Termination:        | Tin                                               |  |
| Shelf Life:         | 52 Weeks                                          |  |
| MSL:                | 3                                                 |  |

| Specifications         |                                                        |  |
|------------------------|--------------------------------------------------------|--|
| Capacitance:           | 330 uF                                                 |  |
| Capacitance Tolerance: | 20%                                                    |  |
| Voltage DC:            | 6.3 VDC (105C), 4.22 VDC (125C)                        |  |
| Temperature Range:     | -55/+125C                                              |  |
| Rated Temperature:     | 105C                                                   |  |
| Dissipation Factor:    | 8.00% 120Hz 25C                                        |  |
| Failure Rate:          | N/A                                                    |  |
| Resistance:            | 10 mOhms (100kHz 25C)                                  |  |
| Ripple Current:        | 5000 mA (100kHz 45C), 3500<br>mA (85C), 1250 mA (125C) |  |
| Leakage Current:       | 207.9 uA (5min 25C)                                    |  |

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