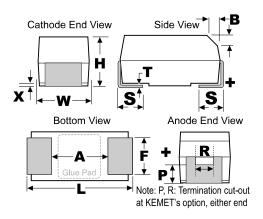
## KEMET Part Number: T530X337M010ATE006



## Capacitor, Tantalum, SMD, Polymer, Molded, Multiple Anodes, Low ESR, 330 uF, 7343, +/-20% Tol, 10 VDC (105C)



| Dimensions (mm) |           |           |  |
|-----------------|-----------|-----------|--|
| Symbol          | Dimension | Tolerance |  |
| L               | 7.3       | +/-0.3    |  |
| W               | 4.3       | +/-0.3    |  |
| Н               | 4         | +/-0.3    |  |
| F               | 2.4       | +/-0.1    |  |
| S               | 1.3       | +/-0.3    |  |
| В               | 0.5       | +/-0.15   |  |
| Х               | 0.1       | +/-0.1    |  |
| Р               | 1.7       | REF       |  |
| R               | 1         | REF       |  |
| Т               | 0.13      | REF       |  |
| Α               | 3.6       | MIN       |  |

| Packaging Specifications |             |  |
|--------------------------|-------------|--|
| Package Kind:            | T&R         |  |
| Package Size:            | 7 in/180 mm |  |
| Package Quantity:        | 500         |  |

| General Information    |   |  |
|------------------------|---|--|
| Supplier:              | KEMET   |  |
| Application:           | Low ESR   |  |
| Sub Application:       | (MultipleAnode/<br>NonCombustibleCathode)         |  |
| Part Type Description: | SMD, Polymer, Molded, Multiple<br>Anodes, Low ESR |  |
| Construction:          | Multiple Anode Chip-Polymer                       |  |
| Body Type:             | SMD Chip  |  |
| Footprint:             | 7343  |  |
| Weight:                | 410.89 mg   |  |
| RoHS:                  | Yes   |  |

| Specifications          |                         |  |
|-------------------------|-------------------------|--|
| Capacitance:            | 330 uF                  |  |
| Tolerance:              | +/-20%                  |  |
| Voltage:                | 10 VDC (105C)           |  |
| Voltage:                | 6.7 VDC (125C)          |  |
| Temperature Range:      | -55/+125C               |  |
| Current/Ripple Current: | 6700 mAmps (100kHz 45C) |  |
| Current/Ripple Current: | 4690 mAmps (85C)        |  |
| Current/Ripple Current: | 1675 mAmps (125C)       |  |
| Resistance/ESR:         | 6 mOhms (100kHz 25C)    |  |
| Failure Rate:           | N/A                     |  |
| Leakage Current:        | 330 uA                  |  |
| Dissipation Factor:     | 8%                      |  |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

