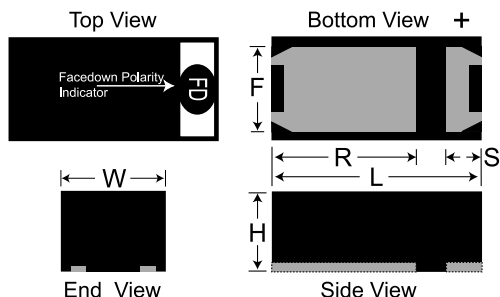


**KEMET Part Number: T528Z337M2R5ATE012**  
(T528Z337M2R5ASE012)

Tantalum, Polymer Tantalum, Reduced Volume, T528, 330 uF, 20%, 2.5 V, 7343, SMD, Polymer, Low ESR, NonCombustible, Face Down, 12 mOhms, 1.7mm



**General Information**

|                     |  |
|---------------------|--|
| <b>Dielectric:</b>  | Polymer Tantalum                                 |
| <b>Style:</b>       | SMD Chip   |
| <b>Series:</b>      | T528   |
| <b>Description:</b> | SMD, Polymer, Low ESR, NonCombustible, Face Down |
| <b>Features:</b>    | Face Down, Low ESR                               |
| <b>RoHS:</b>        | Yes  |
| <b>Termination:</b> | Tin  |

**Dimensions**

| Footprint 7343 |                |
|----------------|----------------|
| <b>L</b>       | 7.3mm +/-0.4mm |
| <b>W</b>       | 4.3mm +/-0.3mm |
| <b>H</b>       | 1.7mm MAX      |
| <b>S</b>       | 1.3mm +/-0.2mm |
| <b>F</b>       | 2.8mm +/-0.2mm |
| <b>R</b>       | 5mm +/-0.4mm   |

**Specifications**

|                               |   |
|-------------------------------|---|
| <b>Capacitance:</b>           | 330 uF  |
| <b>Capacitance Tolerance:</b> | 20%   |
| <b>Voltage DC:</b>            | 2.5 VDC (105C)  |
| <b>Temperature Range:</b>     | -55/+105C   |
| <b>Dissipation Factor:</b>    | 10% 120Hz 25C   |
| <b>Failure Rate:</b>          | N/A   |
| <b>Resistance:</b>            | 12 mOhms (100kHz 25C)   |
| <b>Current:</b>               | 5200 mAmps (100kHz 45C),<br>3640 mAmps (85C), 2470 mAmps (105C) |
| <b>Leakage:</b>               | 82.5 uAmps (5min 5C)  |

**Packaging Specifications**

|                            |            |
|----------------------------|------------|
| <b>Weight:</b>             | 206.33 mg  |
| <b>Packaging:</b>          | T&R, 178mm |
| <b>Packaging Quantity:</b> | 1000       |