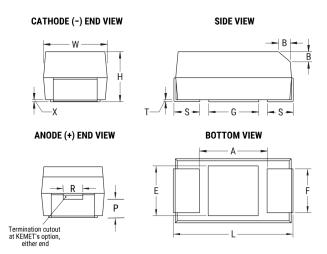


## T493D337K006CT6410

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 330 uF, 10%, 6.3 VDC, SMD, MnO2, Molded, High Reliability, C (0.01%/1000 Hrs), 500 mOhms, 7343, Height Max = 3.1mm



Click here for the 3D model.

| 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          | 3.8mm MIN       |
| В          | 0.5mm +/-0.15mm |
| E          | 3.5mm REF       |
| G          | 3.5mm REF       |
| Р          | 0.5mm MIN       |
| R          | 1mm REF         |
| Χ          | 0.1mm +/-0.1mm  |

| Packaging Specifications |            |
|--------------------------|------------|
| Packaging                | T&R, 178mm |
| Packaging Quantity       | 500        |

| General Information |   |
|---------------------|---|
| Series              | T493 HRA  |
| Dielectric          | MnO2 Tantalum   |
| Style               | SMD Chip  |
| Description         | SMD, MnO2, Molded, High Reliability   |
| Features            | High Reliability  |
| RoHS                | Yes   |
| Termination         | Tin   |
| AEC-Q200            | No  |
| Component<br>Weight | 412.33 mg   |
| Notes               | P and R dimensions represents the minimum solderable area of the termination surface entirely below cutout (if one is present). |

| Specifications             |   |
|----------------------------|---|
| Capacitance                | 330 uF  |
| Capacitance<br>Tolerance   | 10%   |
| Voltage DC                 | 6.3 VDC (85C), 4.22 VDC (125C)                                  |
| Temperature<br>Range       | -55/+125°C  |
| Rated<br>Temperature       | 85°C  |
| Dissipation Factor         | 8% 120Hz 25C  |
| Failure Rate               | C (0.01%/1000 Hrs)  |
| Resistance                 | 0.5 Ohms (100kHz 25C)   |
| Ripple Current             | 548 mA (rms, 100kHz 25C)  |
| Leakage Current            | 20.8 uA (5min 25°C)   |
| Testing and<br>Reliability | 10 Cycles Surge Current Testing At -55C And +85C Before Weibull |

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