

T543 HRA, Tantalum, Polymer Tantalum, HRA, 33 uF, 10%, 50 VDC, N/A, 40 mOhms, 7343, Height Max = 4.3mm



| Dimensions |                 |
|------------|-----------------|
| Footprint  | 7343            |
| L          | 7.3mm +/-0.3mm  |
| W          | 4.3mm +/-0.3mm  |
| H          | 4mm +/-0.3mm    |
| T          | 0.13mm REF      |
| S          | 1.3mm +/-0.3mm  |
| F          | 2.4mm +/-0.1mm  |
| A          | 3.8mm MIN       |
| B          | 0.5mm +/-0.15mm |
| E          | 3.5mm REF       |
| G          | 3.5mm REF       |
| P          | 1.7mm REF       |
| R          | 1mm REF         |
| X          | 0.1mm +/-0.1mm  |

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

| General Information |   |
|---------------------|---|
| Series:             | T543 HRA  |
| Dielectric:         | Polymer Tantalum  |
| Style:              | SMD Chip  |
| Features:           | Non-Combustible, Low ESR, High Reliability  |
| RoHS:               | No  |
| Prop 65:            | <b>WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a> |
| SCIP Number:        | b064b03e-bd75-42af-b342-1fe94dec2340  |
| Termination:        | Solder Coated   |
| AEC-Q200:           | No  |
| Component Weight:   | 588.16 mg   |
| Shelf Life:         | 52 Weeks  |
| MSL:                | 3   |

| Specifications           |                                |
|--------------------------|--------------------------------|
| Capacitance:             | 33 uF                          |
| Capacitance Tolerance:   | 10%                            |
| Voltage DC:              | 50 VDC (105C), 33.5 VDC (125C) |
| Temperature Range:       | -55/+125°C                     |
| Rated Temperature:       | 105°C                          |
| Humidity:                | 60C, 90% RH, 500 Hours         |
| Dissipation Factor:      | 10% 120Hz 25C                  |
| Failure Rate:            | N/A                            |
| Resistance:              | 40 mOhms (100kHz)              |
| Ripple Current:          | 2485 mA (rms, 100kHz 45C)      |
| Leakage Current:         | 165 uA (5min 25°C)             |
| Testing and Reliability: | Standard Testing Only          |

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