



Click [here](#) for the 3D model.

## General Information

|                          |  |
|--------------------------|--|
| Series                   | T543 HRA   |
| Dielectric               | Polymer Tantalum   |
| Style                    | SMD Chip   |
| Description              | SMD, Polymer, Molded, Up Screening   |
| Features                 | Non-Combustible, Low Profile, Low ESR, High Reliability  |
| RoHS                     | No   |
| Prop 65                  | <b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a> |
| SCIP Number              | b064b03e-bd75-42af-b342-1fe94dec2340   |
| Termination              | Tin Lead (SnPb)  |
| AEC-Q200                 | No   |
| Typical Component Weight | 262.9 mg   |
| Shelf Life               | 52 Weeks   |
| MSL                      | 3  |

## Dimensions

|   |                |
|---|----------------|
| L | 7.3mm +/-0.3mm |
| W | 4.3mm +/-0.3mm |
| H | 1.9mm +/-0.1mm |
| T | 0.13mm REF     |
| S | 1.3mm +/-0.3mm |
| F | 2.4mm +/-0.1mm |
| A | 3.8mm MIN      |
| E | 3.5mm REF      |
| G | 3.5mm REF      |
| X | 0.05mm REF     |

## Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, 178mm |
| Packaging Quantity | 1000       |

## Specifications

|                         |  |
|-------------------------|--|
| Capacitance             | 220 uF   |
| Tolerance               | 10%  |
| Voltage DC              | 10 VDC (105C)                                    |
| Temperature Range       | -55/+105°C                                       |
| Rated Temperature       | 105°C  |
| Humidity                | 60C, 90% RH, 500 Hours                           |
| Dissipation Factor      | 10% 120Hz 25C                                    |
| Failure Rate            | N/A  |
| ESR                     | 25 mOhms (100kHz)                                |
| Ripple Current          | 2735 mA (rms, 100kHz 45C)                        |
| Leakage Current         | 220 uA (5min 25°C)                               |
| Testing and Reliability | 10 Cycles Surge Current Testing At -55C And +85C |

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