



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

General Information

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| Series | T543 HRA |
| Dielectric | Polymer Tantalum |
| Style | SMD Chip |
| Description | SMD, Polymer, Molded, Up Screening |
| Features | Non-Combustible, Low ESR, High Reliability |
| RoHS | No |
| Prop 65 | WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov/ |
| SCIP Number | b064b03e-bd75-42af-b342-1fe94dec2340 |
| Termination | Tin Lead (SnPb) |
| Typical Component Weight | 588.16 mg |
| Shelf Life | 52 Weeks |
| MSL | 3 |

Dimensions

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|---|--------------------|
| 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 REF |

Specifications

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|-------------------------|--|
| Capacitance | 10 uF |
| Tolerance | 10% |
| Voltage DC | 63 VDC (105C), 42.21 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 |
| ESR | 50 mOhms (100kHz) |
| Ripple Current | 2223 mA (rms, 100kHz 45C) |
| Leakage Current | 63 uA (5min 25°C) |
| Testing and Reliability | 10 Cycles Surge Current Testing At -55C +/-5C And +85C +/-5C |

Packaging Specifications

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

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