

CATHODE (-) END VIEW



SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



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 - http://www.p65warnings.ca.gov . |
| SCIP Number | b064b03e-bd75-42af-b342-1fe94dec2340 |
| Termination | Solder Coated |
| AEC-Q200 | No |
| Component Weight | 588.16 mg |
| Shelf Life | 52 Weeks |
| MSL | 3 |

Dimensions

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|-----------|-----------------|
| 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 |

Specifications

| | |
|-------------------------|--|
| Capacitance | 47 uF |
| Capacitance Tolerance | 10% |
| Voltage DC | 35 VDC (105C), 23.45 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 | 30 mOhms (100kHz) |
| Ripple Current | 2869 mA (rms, 100kHz 45C) |
| Leakage Current | 164.5 uA (5min 25°C) |
| Testing and Reliability | 10 Cycles Surge Current Testing At -55C And +85C |

Packaging Specifications

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