

T541X477M006AT6510

T541 HRA, Tantalum, Polymer Tantalum, HRA Multi-Anode, 470 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, High Reliability, Multi-Anode, Low ESR, N/A, 10 mOhms, 7343, Height Max = 4.3mm

CATHODE (-) END VIEW



SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



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

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

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|------------------|--|
| Series | T541 HRA |
| Dielectric | Polymer Tantalum |
| Style | SMD Chip |
| Description | SMD, Polymer, Molded, High Reliability, Multi-Anode, Low ESR |
| Features | Non-Combustible, Multiple Anode, Low ESR, High Reliability |
| RoHS | Yes |
| Termination | Tin |
| AEC-Q200 | No |
| Component Weight | 410.89 mg |
| Shelf Life | 52 Weeks |
| MSL | 3 |

Specifications

| | |
|-------------------------|---|
| Capacitance | 470 uF |
| Capacitance Tolerance | 20% |
| Voltage DC | 6.3 VDC (105C), 4.22 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 105°C |
| Humidity | 60C, 90% RH, 500 Hours, rated voltage |
| Dissipation Factor | 10% 120Hz 25C |
| Failure Rate | N/A |
| Resistance | 10 mOhms (100kHz 25C) |
| Ripple Current | 5196 mA (rms, 100kHz 45C) |
| Leakage Current | 296 uA (5min 25°C) |
| Testing and Reliability | 4 Cycles At +25C +/-5C Before Voltage Aging |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.