

T510, Tantalum, MnO2 Tantalum, Multi-Anode, 470 uF, 10%, 6.3 VDC, SMD, MnO2, Molded, Multiple Anodes, Low ESR, 30 mOhms, 7343, Height Max = 4.3mm



| General Information | |
|---------------------|---|
| Series: | T510 |
| Dielectric: | MnO2 Tantalum |
| Style: | SMD Chip |
| Description: | SMD, MnO2, Molded, Multiple Anodes, Low ESR |
| Features: | Low ESR |
| RoHS: | Yes |
| Termination: | Tin |
| AEC-Q200: | No |
| Component Weight: | 430.15 mg |
| Shelf Life: | 156 Weeks |
| MSL: | 1 |

| 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 |

| Specifications | |
|------------------------|--|
| Capacitance: | 470 uF |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 6.3 VDC (85C), 4.22 VDC (125C) |
| Temperature Range: | -55/+125°C |
| Rated Temperature: | 85°C |
| Dissipation Factor: | 6% 120Hz 25C |
| Failure Rate: | N/A |
| Resistance: | 30 mOhms (100kHz 25C) |
| Ripple Current: | 3000 mA (rms, 100kHz 25C), 2700 mA (rms, 85C), 1200 mA (rms, 125C) |
| Leakage Current: | 29.6 uA (5min 25°C) |

| Packaging Specifications | |
|--------------------------|------------|
| Packaging: | T&R, 330mm |
| Packaging Quantity: | 2000 |

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