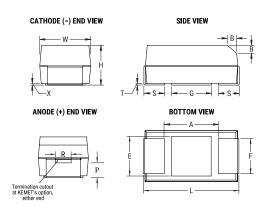
KEMET Part Number: T510X686K025ATE045



T510, Tantalum, MnO2 Tantalum, Multi-Anode, 68 uF, 10%, 25 VDC, SMD, MnO2, Molded, Multiple Anodes, Low ESR, 45 mOhms, 7343, Height Max = 4.3mm



| Dimensions | |
|------------|-----------------|
| Footprint | 7343 |
| L | 7.3mm +/-0.3mm |
| W | 4.3mm +/-0.3mm |
| Н | 4mm +/-0.3mm |
| Т | 0.13mm REF |
| S | 1.3mm +/-0.3mm |
| F | 2.4mm +/-0.1mm |
| A | 3.8mm MIN |
| В | 0.5mm +/-0.15mm |
| E | 3.5mm REF |
| G | 3.5mm REF |
| Р | 1.7mm REF |
| R | 1mm REF |
| X | 0.1mm +/-0.1mm |

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

| 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 |

| Specifications | | |
|------------------------|---|--|
| Capacitance: | 68 uF | |
| Capacitance Tolerance: | 10% | |
| Voltage DC: | 25 VDC (85C), 16.75 VDC (125C) | |
| Temperature Range: | -55/+125°C | |
| Rated Temperature: | 85°C | |
| Dissipation Factor: | 8% 120Hz 25C | |
| Failure Rate: | N/A | |
| Resistance: | 45 mOhms (100kHz 25C) | |
| Ripple Current: | 2449 mA (rms, 100kHz 25C), 2204.1 mA (rms, 85C), 979.6 mA (rms, 125C) | |
| Leakage Current: | 17 uA (5min 25°C) | |

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