

KEMET Part Number: T541X686M025AH6510
(04052-059)

Capacitor, Tantalum, 68 uF, 7343, +/-20% Tol, 25 VDC (85C), Failure Rate=A



| Dimensions (mm) | | |
|-----------------|-----------|-----------|
| Symbol | Dimension | Tolerance |
| L | 7.3 | +/-0.3 |
| W | 4.3 | +/-0.3 |
| H | 4 | +/-0.3 |
| F | 2.4 | +/-0.1 |
| S | 1.3 | +/-0.3 |
| B | 0.5 | +/-0.15 |
| X | 0.1 | +/-0.1 |
| P | 1.7 | REF |
| R | 1 | REF |
| T | 0.13 | REF |
| A | 3.8 | MIN |
| G | 3.5 | REF |
| E | 3.5 | REF |

Notes:

-In polarity stripe, at KEMET's option, type may be indicated: no symbol = Standard (or low leakage) MnO2 tantalum chip, O = LowESR T494, R = Low ESR T495, F = Fused T496, HT = 150C rated T498 (or B45196P, B45198P), H = 175C rated T499, H2 = 200C rated T50

| General Information | |
|------------------------|---|
| Supplier: | KEMET |
| Application: | Military COTS/Low ESR |
| Sub Application: | (MultipleAnode/ NonCombustibleCathode) |
| Part Type Description: | SMD, Polymer, Molded, COTS, Multi-Anode, Low ESR |
| Construction: | Multiple Anode Chip-Polymer |
| Body Type: | SMD Chip |
| Termination: | Solder Coated |
| Footprint: | 7343 |
| Weight: | 410.89 mg |
| RoHS: | No |

| Specifications | |
|-------------------------|--|
| Capacitance: | 68 uF |
| Tolerance: | +/-20% |
| Voltage: | 25 VDC (85C) |
| Voltage: | 16.75 VDC (125C) |
| Temperature Range: | -55/+125C |
| Testing: | 4 Cycles At +25C +/-5C Before Voltage Aging |
| Current/Ripple Current: | 2324 mA (45C) |
| Resistance/ESR: | 50 mOhms (100kHz 25C) |
| Failure Rate: | A |
| Leakage Current: | 170 uA |
| Dissipation Factor: | 10% |

| Packaging Specifications | |
|--------------------------|-------------|
| Package Kind: | T&R |
| Package Size: | 7 in/180 mm |
| Package Quantity: | 500 |