

**KEMET Part Number: T540D156M035AH6610**  
(04051-045A)

Capacitor, Tantalum, 15 uF, 7343, +/-20% Tol, 35 VDC (85C), Failure Rate=A



| General Information    |                            |
|------------------------|----------------------------|
| Supplier:              | KEMET                      |
| Application:           | Military COTS/Low ESR      |
| Sub Application:       | (NonCombustibleCathode)    |
| Part Type Description: | SMD, Polymer, Molded, COTS |
| Construction:          | Standard Chip-Polymer      |
| Body Type:             | SMD Chip                   |
| Termination:           | Solder Coated              |
| Footprint:             | 7343                       |
| Weight:                | 352.36 mg                  |
| RoHS:                  | No                         |

| Dimensions (mm) |           |           |
|-----------------|-----------|-----------|
| Symbol          | Dimension | Tolerance |
| L               | 7.3       | +/-0.3    |
| W               | 4.3       | +/-0.3    |
| H               | 2.8       | +/-0.3    |
| F               | 2.4       | +/-0.1    |
| S               | 1.3       | +/-0.3    |
| B               | 0.5       | +/-0.15   |
| X               | 0.1       | +/-0.1    |
| P               | 0.9       | REF       |
| R               | 1         | REF       |
| T               | 0.13      | REF       |
| A               | 3.8       | MIN       |
| G               | 3.5       | REF       |
| E               | 3.5       | REF       |

| Specifications          |  |
|-------------------------|--|
| Capacitance:            | 15 uF  |
| Tolerance:              | +/-20%   |
| Voltage:                | 35 VDC (85C)   |
| Voltage:                | 23.45 VDC (125C)   |
| Temperature Range:      | -55/+125C  |
| Testing:                | 10 Cycles Surge Current Testing<br>At +25C +/-5C After Voltage Aging |
| Current/Ripple Current: | 1500 mA (100kHz 45C)   |
| Resistance/ESR:         | 100 mOhms (100kHz 25C)   |
| Failure Rate:           | A  |
| Leakage Current:        | 53 uA  |
| Dissipation Factor:     | 10%  |

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, M = Multiple anode

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