

T543_COTS, Tantalum, Polymer Tantalum, COTS, 47 uF, 20%, 35 VDC, SMD, Polymer, Molded, COTS, Up Screening, N/A, 60 mOhms, 7343, Height Max = 4.3mm



| 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 | |
|--------------------------|------------|
| Weight: | 588.16 mg |
| Packaging: | T&R, 178mm |
| Packaging Quantity: | 500 |

| General Information | |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Supplier: | KEMET |
| Series: | T543_COTS |
| Dielectric: | Polymer Tantalum |
| Style: | SMD Chip |
| Description: | SMD, Polymer, Molded, COTS, Up Screening |
| Features: | Non-Combustible, Up Screening, Low ESR, COTS |
| RoHS: | Yes |
| Termination: | Tin |
| 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 |
| Shelf Life: | 52 Weeks |
| MSL: | 3 |

| Specifications | |
|--------------------------|--------------------------------------------------|
| Capacitance: | 47 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 35 VDC (105C) |
| Temperature Range: | -55/+125C |
| Rated Temperature: | 105C |
| Dissipation Factor: | 10.00% 120Hz 25C |
| Failure Rate: | N/A |
| Resistance: | 60 mOhms (100kHz) |
| Ripple Current: | 2029 mA (100kHz 45C) |
| Leakage Current: | 164.5 uA (5min 25C) |
| Testing and Reliability: | 10 Cycles Surge Current Testing At -55C And +85C |

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