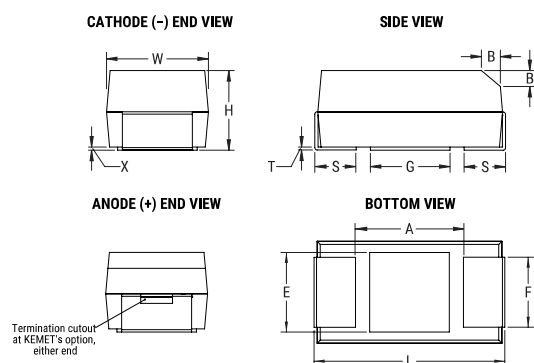


T543\_COTS, Tantalum, Polymer Tantalum, COTS, 47 uF, 20%, 35 V, SMD, Polymer, Molded, COTS, Up Screening, N/A, 60 mOhms, 7343, Height Max = 4.3mm



### 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 |

### 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)                                |
| Current:                 | 2029 mA (100kHz 45C)                             |
| Leakage Current:         | 164.5 uA (5min 25C)                              |
| Testing and Reliability: | 10 Cycles Surge Current Testing At -55C And +85C |