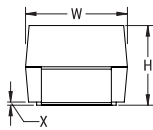
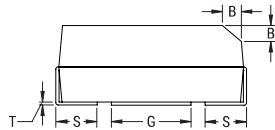


T502, Tantalum, MnO2 Tantalum, High Temperature, 6.8 uF, 20%, 35 VDC, SMD, MnO2, Un-Encapsulated, High Temperature, 230C, N/A, 1.8 Ohms, 7343, Height Max = 3.1mm

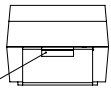
CATHODE (-) END VIEW



SIDE VIEW



ANODE (+) END VIEW



Termination cutout at KEMET's option, either end

BOTTOM VIEW



**Dimensions**

| Footprint | 7343            |
|-----------|-----------------|
| L         | 7.3mm +/-0.3mm  |
| W         | 4.3mm +/-0.3mm  |
| H         | 2.8mm +/-0.3mm  |
| T         | 0.13mm REF      |
| S         | 1.3mm +/-0.3mm  |
| F         | 2.4mm +/-0.1mm  |
| A         | 3.6mm MIN       |
| B         | 0.5mm +/-0.15mm |
| P         | 0.9mm REF       |
| R         | 1mm REF         |
| X         | 0.1mm +/-0.1mm  |

**Packaging Specifications**

|                     |            |
|---------------------|------------|
| Packaging:          | T&R, 330mm |
| Packaging Quantity: | 2500       |

**General Information**

|              |  |
|--------------|--|
| Supplier:    | KEMET  |
| Series:      | T502   |
| Dielectric:  | MnO2 Tantalum  |
| Style:       | SMD Chip   |
| Description: | SMD, MnO2, Un-Encapsulated, High Temperature, 230C   |
| Features:    | 230C   |
| RoHS:        | Yes  |
| Termination: | Gold   |
| 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 |
| Shelf Life:  | 156 Weeks  |
| MSL:         | 1  |

**Specifications**

|                        |  |
|------------------------|--|
| Capacitance:           | 6.8 uF   |
| Capacitance Tolerance: | 20%  |
| Voltage DC:            | 35 VDC (85C), 28.7 VDC (125C), 11.6 VDC (230C) |
| Temperature Range:     | -55/+230C                                      |
| Rated Temperature:     | 85C  |
| Dissipation Factor:    | 6.00% 120Hz 25C                                |
| Failure Rate:          | N/A  |
| Resistance:            | 1.8 Ohms (100kHz 25C)                          |
| Ripple Current:        | 289 mA (100kHz 45C)                            |
| Leakage Current:       | 2.4 uA (5min 25C)                              |