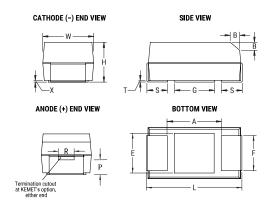
## KEMET Part Number: T498B226K016ATE1K9



T498, Tantalum, MnO2 Tantalum, High Temperature, 22 uF, 10%, 16 VDC, SMD, MnO2, Molded, Hi-Temp, 150C, Auto, AEC-Q200, N/A, 1.9 Ohms, 3528, Height Max = 2.1mm



| Dimensions |                 |  |
|------------|-----------------|--|
| Footprint  | 3528            |  |
| L          | 3.5mm +/-0.2mm  |  |
| W          | 2.8mm +/-0.2mm  |  |
| Н          | 1.9mm +/-0.2mm  |  |
| Т          | 0.13mm REF      |  |
| S          | 0.8mm +/-0.3mm  |  |
| F          | 2.2mm +/-0.1mm  |  |
| A          | 1.9mm MIN       |  |
| В          | 0.4mm +/-0.15mm |  |
| E          | 2.2mm REF       |  |
| G          | 1.8mm REF       |  |
| Р          | 0.5mm REF       |  |
| R          | 1mm REF         |  |
| Х          | 0.1mm +/-0.1mm  |  |

| Packaging Specifications |            |  |
|--------------------------|------------|--|
| Weight:                  | 107.45 mg  |  |
| Packaging:               | T&R, 178mm |  |
| Packaging Quantity:      | 2000       |  |

| General Information |   |
|---------------------|---|
| Series:             | T498  |
| Dielectric:         | MnO2 Tantalum                                       |
| Style:              | SMD Chip  |
| Description:        | SMD, MnO2, Molded, Hi-Temp,<br>150C, Auto, AEC-Q200 |
| Features:           | Automotive, 150C                                    |
| RoHS:               | Yes   |
| Termination:        | Tin   |
| Qualifications:     | AEC-Q200  |
| AEC-Q200:           | Yes   |
| Shelf Life:         | 156 Weeks   |
| MSL:                | 1   |

| Specifications         |  |  |
|------------------------|--|--|
| Capacitance:           | 22 uF  |  |
| Capacitance Tolerance: | 10%  |  |
| Voltage DC:            | 16 VDC (85C), 12.8 VDC (125C),<br>10.72 VDC (150C)                       |  |
| Temperature Range:     | -55/+150°C   |  |
| Rated Temperature:     | 85°C   |  |
| Dissipation Factor:    | 6% 120Hz 20C   |  |
| Failure Rate:          | N/A  |  |
| Resistance:            | 1900 mOhms (100kHz)  |  |
| Ripple Current:        | 212 mA (rms, 100kHz 25C),<br>190.8 mA (rms, 85C), 63.6 mA<br>(rms, 150C) |  |
| Leakage Current:       | 3.5 uA (5min 20°C)   |  |

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