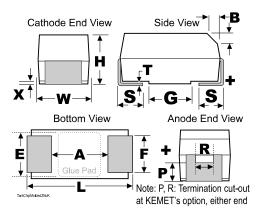
## KEMET Part Number: T499A154K035ATE19K



Tantalum, MnO2 Tantalum, High Temperature, T499, 0.15 uF, 10%, 35 V, 3216, SMD, MnO2, Molded, Hi-Temp, 175C, Auto, AEC-Q200, N/A, 19 Ohms, 1.8mm



| General Information |   |
|---------------------|---|
| Dielectric:         | MnO2 Tantalum                                       |
| Style:              | SMD Chip  |
| Series:             | T499  |
| Description:        | SMD, MnO2, Molded, Hi-Temp,<br>175C, Auto, AEC-Q200 |
| Features:           | High Temperature, Automotive                        |
| RoHS:               | Yes   |
| Termination:        | Tin   |
| Approvals:          | AEC-Q200  |
| AEC-Q200:           | Yes   |

| Dimensions |                 |
|------------|-----------------|
| Footprint  | 3216            |
| L          | 3.2mm +/-0.2mm  |
| W          | 1.6mm +/-0.2mm  |
| Н          | 1.6mm +/-0.2mm  |
| Т          | 0.13mm REF      |
| S          | 0.8mm +/-0.3mm  |
| F          | 1.2mm +/-0.1mm  |
| Α          | 1.2mm MIN       |
| В          | 0.4mm +/-0.15mm |
| E          | 1.3mm REF       |
| G          | 1.1mm REF       |
| Р          | 0.4mm REF       |
| R          | 0.4mm REF       |
| Х          | 0.1mm +/-0.1mm  |

| Specifications         |   |
|------------------------|---|
| Capacitance:           | 0.15 uF   |
| Capacitance Tolerance: | 10%   |
| Voltage DC:            | 35 VDC (85C), 27.22 VDC (125C), 17.5 VDC (175C)     |
| Temperature Range:     | -55/+175C   |
| Dissipation Factor:    | 4%  |
| Failure Rate:          | N/A   |
| Resistance:            | 19000 mOhms (100kHz)                                |
| Current:               | 63 mAmps (25C), 56.7 mAmps (85C), 12.6 mAmps (175C) |
| Leakage:               | 0.5 uAmps   |

| Packaging Specifications |            |  |
|--------------------------|------------|--|
| Weight:                  | 58.6 mg    |  |
| Packaging:               | T&R, 178mm |  |
| Packaging Quantity:      | 2000       |  |

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