

**KEMET Part Number: T491B475K035AT**  
(B45196H6475K209)

T491, Tantalum, MnO2 Tantalum, 4.7 uF, 10%, 35 V, 3528, SMD, MnO2, Molded, 3 Ohms, Height Max = 2.1mm



| General Information |                   |
|---------------------|-------------------|
| Supplier:           | KEMET             |
| Series:             | T491              |
| Dielectric:         | MnO2 Tantalum     |
| Style:              | SMD Chip          |
| Description:        | SMD, MnO2, Molded |
| RoHS:               | Yes               |
| Termination:        | Tin               |

| Specifications         |  |
|------------------------|--|
| Capacitance:           | 4.7 uF   |
| Capacitance Tolerance: | 10%  |
| Voltage DC:            | 35 VDC (85C), 23.45 VDC (125C)                               |
| Temperature Range:     | -55/+125C  |
| Rated Temperature:     | 85C  |
| Dissipation Factor:    | 6% 120Hz 20C   |
| Failure Rate:          | N/A  |
| Resistance:            | 3 Ohms (100kHz)  |
| Current:               | 166 mAmps (100kHz 25C), 149.4 mAmps (85C), 66.4 mAmps (125C) |
| Leakage Current:       | 1.6 uA (5min 20C)  |

| Dimensions |                   |
|------------|-------------------|
| Footprint  | 3528              |
| L          | 3.5mm +/-0.2mm    |
| W          | 2.8mm +/-0.2mm    |
| H          | 1.9mm +/-0.2mm    |
| T          | 0.13mm REF        |
| S          | 0.8mm +0.2/-0.3mm |
| F          | 2.2mm +/-0.1mm    |
| A          | 1.9mm MIN         |
| B          | 0.4mm +/-0.15mm   |
| E          | 2.2mm REF         |
| G          | 1.8mm REF         |
| P          | 0.5mm REF         |
| R          | 1mm REF           |
| X          | 0.1mm +/-0.1mm    |

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

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