

**KEMET Part Number: T491A155K016AT**  
(B45196E3155K109)

Tantalum, MnO<sub>2</sub> Tantalum, T491, 1.5 uF, 10%, 16 V, 3216, SMD, MnO<sub>2</sub>, Molded, 8 Ohms, 1.8mm



| General Information |                                |
|---------------------|--------------------------------|
| Dielectric:         | MnO <sub>2</sub> Tantalum      |
| Style:              | SMD Chip                       |
| Series:             | T491                           |
| Description:        | SMD, MnO <sub>2</sub> , Molded |
| RoHS:               | Yes                            |
| Termination:        | Tin                            |

| Specifications         |   |
|------------------------|---|
| Capacitance:           | 1.5 uF  |
| Capacitance Tolerance: | 10%   |
| Voltage DC:            | 16 VDC (85C), 10.72 VDC (125C)                      |
| Temperature Range:     | -55/+125C   |
| Dissipation Factor:    | 6%  |
| Failure Rate:          | N/A   |
| Resistance:            | 8 Ohms (100kHz)                                     |
| Current:               | 97 mAmps (25C), 87.3 mAmps (85C), 38.8 mAmps (125C) |
| Leakage:               | 0.5 uAmps   |

| Dimensions |                   |
|------------|-------------------|
| Footprint  | 3216              |
| L          | 3.2mm +/-0.2mm    |
| W          | 1.6mm +/-0.2mm    |
| H          | 1.6mm +/-0.2mm    |
| T          | 0.13mm REF        |
| S          | 0.8mm +0.2/-0.3mm |
| F          | 1.2mm +/-0.1mm    |
| A          | 1.2mm MIN         |
| B          | 0.4mm +/-0.15mm   |
| E          | 1.3mm REF         |
| G          | 1.1mm REF         |
| P          | 0.4mm REF         |
| R          | 0.4mm REF         |
| X          | 0.1mm +/-0.1mm    |

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

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