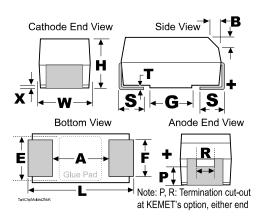
## KEMET Part Number: T491B106K010AT

(B45196H2106K209)



Capacitor, Tantalum, SMD, MnO2, Molded, 10 uF, 3528, +/-10% Tol, -55/+125C, 10 VDC (85C)



| General information    |                    |  |
|------------------------|--------------------|--|
| Supplier:              | KEMET              |  |
| Application:           | General Purpose    |  |
| Part Type Description: | SMD, MnO2, Molded  |  |
| Construction:          | Standard Chip-MnO2 |  |
| Body Type:             | SMD Chip           |  |
| Footprint:             | 3528               |  |
| Weight:                | 107.45 mg          |  |
| RoHS:                  | Yes                |  |

**General Information** 

| Dimensions (mm) |           |           |
|-----------------|-----------|-----------|
| Symbol          | Dimension | Tolerance |
| L               | 3.5       | +/-0.2    |
| W               | 2.8       | +/-0.2    |
| Н               | 1.9       | +/-0.2    |
| F               | 2.2       | +/-0.1    |
| S               | 0.8       | +0.2/-0.3 |
| В               | 0.4       | +/-0.15   |
| Х               | 0.1       | +/-0.1    |
| Р               | 0.5       | REF       |
| R               | 1         | REF       |
| Т               | 0.13      | REF       |
| A               | 1.9       | MIN       |
| G               | 1.8       | REF       |
| Е               | 2.2       | REF       |

| Specifications          |                   |  |
|-------------------------|-------------------|--|
| Capacitance:            | 10 uF             |  |
| Tolerance:              | +/-10%            |  |
| Voltage:                | 10 VDC (85C)      |  |
| Voltage:                | 6.7 VDC (125C)    |  |
| Temperature Range:      | -55/+125C         |  |
| Current/Ripple Current: | 156 mAmps (25C)   |  |
| Current/Ripple Current: | 140.4 mAmps (85C) |  |
| Current/Ripple Current: | 62.4 mAmps (125C) |  |
| Resistance/ESR:         | 3 Ohms (100kHz)   |  |
| Failure Rate:           | N/A               |  |
| Leakage Current:        | 1 uA              |  |
| Dissipation Factor:     | 6%                |  |

| Packaging Specifications |             |  |
|--------------------------|-------------|--|
| Package Kind:            | T&R         |  |
| Package Size:            | 7 in/180 mm |  |
| Package Quantity:        | 2000        |  |

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