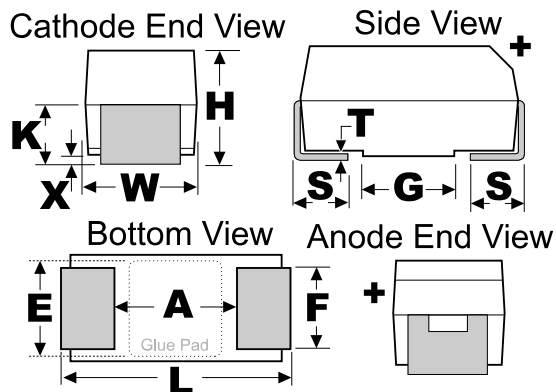


KEMET Part Number: T491T106K010AT
(B45190E2106K209)

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



| General Information | |
|------------------------|--------------------------------|
| Supplier: | KEMET |
| Application: | General Purpose |
| Part Type Description: | SMD, MnO2, Molded, Low Profile |
| Construction: | Standard Chip-MnO2 |
| Body Type: | SMD Chip |
| Footprint: | 3528 |
| Weight: | 63.89 mg |
| RoHS: | Yes |

| Dimensions (mm) | | |
|-----------------|-----------|-----------|
| Symbol | Dimension | Tolerance |
| L | 3.5 | +/-0.2 |
| W | 2.8 | +/-0.2 |
| H | 1.2 | MAX |
| F | 2.2 | +/-0.1 |
| S | 0.8 | +0.1/-0.3 |
| X | 0.05 | REF |
| T | 0.13 | REF |
| A | 1.9 | MIN |
| G | 1.8 | REF |
| E | 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: | 153 mAmps (25C) |
| Current/Ripple Current: | 137.7 mAmps (85C) |
| Current/Ripple Current: | 61.2 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: | 2500 |

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