

**KEMET Part Number: T491C107M010AT**  
(B45196H2107M309)

Capacitor, Tantalum, SMD, MnO<sub>2</sub>, Molded, 100 uF, 6032, +/-20% Tol, -55/+125C, 10 VDC (85C)



| General Information    |                                |
|------------------------|--------------------------------|
| Supplier:              | KEMET                          |
| Application:           | General Purpose                |
| Part Type Description: | SMD, MnO <sub>2</sub> , Molded |
| Construction:          | Standard Chip-MnO <sub>2</sub> |
| Body Type:             | SMD Chip                       |
| Footprint:             | 6032                           |
| Weight:                | 224.48 mg                      |
| RoHS:                  | Yes                            |

| Dimensions (mm) |           |           |
|-----------------|-----------|-----------|
| Symbol          | Dimension | Tolerance |
| L               | 6         | +/-0.3    |
| W               | 3.2       | +/-0.3    |
| H               | 2.5       | +/-0.3    |
| F               | 2.2       | +/-0.1    |
| S               | 1.3       | +/-0.3    |
| B               | 0.5       | +/-0.15   |
| X               | 0.1       | +/-0.1    |
| P               | 0.9       | REF       |
| R               | 1         | REF       |
| T               | 0.13      | REF       |
| A               | 2.9       | MIN       |
| G               | 2.8       | REF       |
| E               | 2.4       | REF       |

| Specifications          |                    |
|-------------------------|--------------------|
| Capacitance:            | 100 uF             |
| Tolerance:              | +/-20%             |
| Voltage:                | 10 VDC (85C)       |
| Voltage:                | 6.7 VDC (125C)     |
| Temperature Range:      | -55/+125C          |
| Current/Ripple Current: | 332 mAmps (25C)    |
| Current/Ripple Current: | 298.8 mAmps (85C)  |
| Current/Ripple Current: | 132.8 mAmps (125C) |
| Resistance/ESR:         | 1 Ohms (100kHz)    |
| Failure Rate:           | N/A                |
| Leakage Current:        | 10 uA              |
| Dissipation Factor:     | 8%                 |

| Packaging Specifications |             |
|--------------------------|-------------|
| Package Kind:            | T&R         |
| Package Size:            | 7 in/180 mm |
| Package Quantity:        | 500         |

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