

**KEMET Part Number: T491D107M016AT**  
(B45196H3107M409)

Capacitor, Tantalum, SMD, MnO<sub>2</sub>, Molded, 100 uF, 7343, +/-20% Tol, -55/+125C, 16 VDC (85C)



**Dimensions (mm)**

| Symbol | Dimension | Tolerance |
|--------|-----------|-----------|
| L      | 7.3       | +/-0.3    |
| W      | 4.3       | +/-0.3    |
| H      | 2.8       | +/-0.3    |
| F      | 2.4       | +/-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      | 3.6       | MIN       |
| G      | 3.5       | REF       |
| E      | 3.5       | REF       |

**Packaging Specifications**

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

**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:             | 7343                           |
| Weight:                | 446.84 mg                      |
| RoHS:                  | Yes                            |

**Specifications**

|                         |                    |
|-------------------------|--------------------|
| Capacitance:            | 100 uF             |
| Tolerance:              | +/-20%             |
| Voltage:                | 16 VDC (85C)       |
| Voltage:                | 10.72 VDC (125C)   |
| Temperature Range:      | -55/+125C          |
| Current/Ripple Current: | 463 mAmps (25C)    |
| Current/Ripple Current: | 416.7 mAmps (85C)  |
| Current/Ripple Current: | 185.2 mAmps (125C) |
| Resistance/ESR:         | 0.7 Ohms (100kHz)  |
| Failure Rate:           | N/A                |
| Leakage Current:        | 16 uA              |
| Dissipation Factor:     | 8%                 |