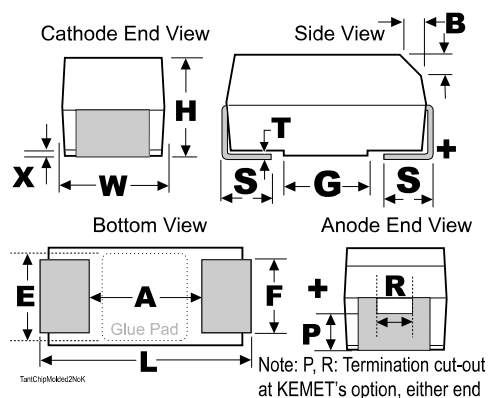


**KEMET Part Number: T491B476K010AT**  
(B45196H2476K209)

Capacitor, Tantalum, SMD, MnO2, Molded, 47 uF, 3528, +/-10% Tol, -55/+125C, 10 VDC (85C)



**Dimensions (mm)**

| Symbol | Dimension | Tolerance |
|--------|-----------|-----------|
| L      | 3.5       | +/-0.2    |
| W      | 2.8       | +/-0.2    |
| H      | 1.9       | +/-0.2    |
| F      | 2.2       | +/-0.1    |
| S      | 0.8       | +0.2/-0.3 |
| B      | 0.4       | +/-0.15   |
| X      | 0.1       | +/-0.1    |
| P      | 0.5       | REF       |
| R      | 1         | REF       |
| T      | 0.13      | REF       |
| A      | 1.9       | MIN       |
| G      | 1.8       | REF       |
| E      | 2.2       | REF       |

**Packaging Specifications**

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

**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                |

**Specifications**

|                         |                    |
|-------------------------|--------------------|
| Capacitance:            | 47 uF              |
| Tolerance:              | +/-10%             |
| Voltage:                | 10 VDC (85C)       |
| Voltage:                | 6.7 VDC (125C)     |
| Temperature Range:      | -55/+125C          |
| Current/Ripple Current: | 292 mAmps (25C)    |
| Current/Ripple Current: | 262.8 mAmps (85C)  |
| Current/Ripple Current: | 116.8 mAmps (125C) |
| Resistance/ESR:         | 1 Ohms (100kHz)    |
| Failure Rate:           | N/A                |
| Leakage Current:        | 4.7 uA             |
| Dissipation Factor:     | 8%                 |